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ATLAS

OF HOSPITAL UTILIZATION IN CANADA

COMPUTER MAPPING PROJECT

FOR

GEOGRAPHY DIVISION DIRECTORATE
OF MAP PRODUCTION, E. M. R.

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ATLAS OS

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PRELIMINARY DEMONSTRATION ATLAS OF HOSPITAL UTILIZATION

CARTES PROVISOIRES DES MODES D'UTILISATION DES HÔPITAUX

DEPT. OF ENERGY, MINES & RESOURCES
MAI 12 1975
DEPARTMENTAL MAP LIBRARY

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Preliminary Demonstration Presentation

This atlas is presented for the purpose of providing a preliminary demonstration of the mapping techniques which are being developed in conjunction with project AHUM. The computer programs which have been used for this demonstration are: Multi-Map, REG and Sy-Map (see program glossary for details). A complete atlas requires the development of programs Inter-Map and Sum-Map. Work has begun on Sum-Map and an early start is planned for Inter-Map. In addition, further development of Multi-Map and REG is required.

Source of Survey Date for Presentation

Maps presented for the provinces of British Columbia. Manitoba, Ontario, Quebec, Nova Scotia and Prince Edward Island, are based on data supplied by the provinces concerned. In the case of Saskatchewan, the ratios shown are based on a listing provided by the province. Metropolitan Toronto displays are based on survey data supplied by the Metropolitan Toronto Hospital Planning Council.

Présentation préliminaire

Le présent recueil de cartes est publié à titre de démonstration préliminaire des méthodes cartographiques présentement mises au point dans le cadre du projet d'Analyse de l'utilisation des hôpitaux à l'aide de cartes (A.H.U.M.). Les programmes d'ordinateurs utilisés à ces fins sont les suivants: Multi-Map, R.E.G. et Sy-Map (pour tout renseignement voir le glossaire de ces programmes). Pour compléter le présent atlas, il faudra également mettre au point les programmes Inter-Map et Sum-Map. Les travaux sur Sum-Map sont en cours et on a l'intention d'entreprendre bientôt ceux de Inter-Map. Il faudra, en outre, perfectionner les programmes Multi-Map et R.E.G.

Source des données topographiques

Les cartes représentant la Colombie-Britannique, le Manitoba, l'Ontario, le Québec, la Nouvelle-Écosse et l'Île-du-Prince-Edouard ont été établies d'après les données fournies par ces provinces. En ce qui concerne la Saskatchewan, les rapports indiqués sont fondés sur une liste établie par cette province. Les présentations relatives à la région métropolitaine de Toronto sont fondées sur des données topographiques fournies par le Metropolitan Toronto Hospital Planning Council.

Justification

Maps and charts of hospital utilization are used primarily for two purposes. Maps of raw data serve to focus the attention of the analyst on useful questions which might be answered by an analysis of the date which they display. Apparent patterns may provide hypotheses which can be tested by the analyst.

Following analysis, maps provide a convenient method for the analyst to communicate with the decision makers regarding his analytic findings. This second purpose has special significance for the applied hospital researcher.

Project AHUM

A considerable portion of the initial activity of project AHUM (Analysis of Hospital Utilization by Mapping) has been devoted to developing computer techniques for mapping hospital utilization. This allocation of resources has been made in accordance with the objective of improving the available methodology for presentation of data to decision makers.

The consultant members of the Hospital Services Study Unit have undertaken to limit their participation in projects as principal investigators to those which are in accordance with this objective.

Objet

La préparation de cartes et de tableaux touchant l'utilisation des hôpitaux, a deux buts principaux. En premier lieu, les cartes préparées à l'aide de données brutes attirent l'attention de l'analyste sur des questions importantes auxquelles il pourrait trouver réponse en analysant les données exposées. Les schémas qui s'en dégagent peuvent suggérer à l'analyste des hypothèses qu'il mettra à l'épreuve.

En second lieu, les cartes, une fois analysées, permettront à l'analyste de communiquer ses constations aux dirigeants. Cette deuxième possibilité est particulièrement importante du point de vue du spécialiste en recherche hospitalière appliquée.

Projet A.H.U.M.

Les premiers travaux du projet A.H.U.M. (Analyse de l'utilisation des hôpitaux, à l'aide de cartes) ont été consacrés en grande partie à la mise au point de techniques de traitement de l'information permettant d'établir des cartes touchant l'utilisation des hôpitaux. On a donc fourni les moyens nécessaires pour la poursuite de ces travaux, et cela dans l'intention d'améliorer les méthodes actuelles de présentation des données aux dirigeants.

Les membres conseillers du Groupe d'étude des services hospitaliers ont décidé de restreindre leur participation, en qualité d'agent principal de recherche, aux projets qui remplissent ces conditions.

Caution

Editing and analysis of data presented is required prior to reaching any useful conclusions. This atlas is presented only as a demonstration of early work and should not be used as the basis for final conclusions. It is hoped that the questions and suggestions raised by this demonstration will provide a useful guide to further work.

The need to limit the use of mapping techniques, almost exclusively, to pre and post analytic stages of a research project or planning study cannot be too strongly stressed. Mapping alone, not accompanied by careful analysis, could lead to false confidence in incorrect conclusions. The usefulness of the mapping technique must not be allowed to lead to its employment as a patent medicine.

Mise en garde

Les données présentées ici auront besoin d'être revisées et analysées si l'on veut en tirer des conclusions utiles. Le présent recueil n'est présenté qu'aux fins de démonstration de travaux préliminaires et ne doit pas servir de base à des conclusions définitives. Nous espérons que les questions et les remarques ainsi soulevées serviront de guide aux travaux futurs.

On ne saurait trop insister sur la nécessité de limiter presque entièrement l'usage de techniques cartographiques au stade d'analyse préalable ou postérieur à un projet de recherche ou à une étude. Les cartes seules, sans une analyse précise, pourraient susciter une confiance imméritée en des conclusions incorrectes. La technique cartographique est précieuse, certes, mais il ne faudrait pas se laisser aller à s'en servir toujours à coup sûr comme on le ferait d'un médicament breveté.

ACKNOWLEDGEMENTS

The cooperation received from the provinces concerned, Metropolitan Toronto Hospital Planning Council and the Department of Energy, Mines and Resources, is greatly appreciated.

It would have been impossible to make this presentation without the special attention and effort by numerous persons including the members of the project AHUM staff, who are: Mrs. Vera Glube, Research Analyst; Mr. David Sammon, Data Analyst; Mr. John Whitney, Research Clerk; Mr. Glen Morral and Mr. Tim Pointen, Mathematical Programming Assistants.

My personal appreciation is extended to all who "pitched in" to make it possible to prepare this presentation.

Werner F.O. Daechsel
Principal Investigator

REMERCIEMENTS

Nous remercions les provinces, le Metropolitan Toronto Hospital Planning Council et le ministère de l'Énergie, des Mines et des Ressources de leur coopération.

La préparation de ce recueil aurait été impossible sans la participation et les efforts spéciaux d'un grand nombre de personnes, parmi lesquelles on compte le personnel du projet A.H.U.M. dont les noms suivent: Mme Vera Glube, analyste de la recherche; M. David Sammon, analyste des données, M. John Whitney, commis aux recherches; M. Glen Morral et M. Tim Pointen, adjoints de la programmation mathématique.

Je remercie personnellement tous ceux qui ont participé à la préparation de cet atlas.

Werner F.O. Daechsel
Agent principal de recherche

PROGRAM GLOSSARY

INTER-MAP

Inter-Map will be a program which by using a combination of computer printer symbols "imprints" a chosen value level for each variable (1-5 variables) in a map pattern of geographical area made up of one or more sub-areas.

Background

This program is an outgrowth of Multi-Map which displays from 1-10 levels for 1-5 variables in each of 1-500 sub-areas.

Inter-Map displays one level of choice for each variable (1-5) in a manner that visually defines all intersections (areas in which two or more of the display variable levels of choice occur) thus providing an easily interpreted display of how the variables inter-relate on the basis of chosen levels.

Comments

1. It focuses the attention of the decision maker who examines a map on those geographical areas which have a volatile combination of characteristics.
2. It provides a summary display of Multi-Map thus drawing attention to highlight areas.
3. It facilitates computer mapping of 5 variables in areas made up of a large number of sub-areas.

GLOSSAIRE

INTER-MAP

Le programme Inter-Map consistera à "fixer", à l'aide d'une combinaison de symboles pour imprimante, un niveau de valeur donnée pour chaque variable (1 à 5 variables) dans un système de carte d'une région géographique formée d'une ou plusieurs zones.

Historique

Inter-Map est un dérivé du programme Multi-Map qui expose de 1 à 10 niveaux à l'égard de 1 à 5 variables pour chacune des zones de 1 à 500.

Inter-Map indique un niveau de choix pour chaque variable (1 à 5) de façon à définir visuellement chaque intersection (zones dans lesquelles deux ou plus des niveaux choisis pour les variables se retrouvent), et à permettre ainsi d'interpréter facilement les relations mutuelles entre chaque variable, d'après les niveaux choisis.

Remarques

1. Lorsque le dirigeant examine la carte, son attention est attirée sur les régions qui présentent un mélange explosif de caractéristiques.
2. Ce programme est un résumé de Multi-Map et attire ainsi l'attention sur les régions importantes.
3. Ce programme facilite la préparation, à l'aide d'un ordinateur, de cartes composées de 5 variables dans les régions formées d'un grand nombre de zones.

MULTI-MAP

Multi-Map is a computer program which uses a combination of printer symbols "to draw" a shaded map of any geographical area, or portion of a geographical area, with internal capacity to assign a level value in shade for each variable included in the input.

Its purpose is to display the inter-relatedness of variables. The displays together with optional cross tabulation summaries provide a quick means of reviewing a multitude of inter-relationships.

REG

REG is a family of computer programs which, by the means of circular graphs, display ratios in a meaningful manner. These graphs may be placed within any geographical area, or sub-area of a map.

At the present time the operational phase is limited to capability to draw circle (decagon) graphs of ratios representing a segment of the full circle.

Sectorgraph capability which would divide an ellipse into equal sections with expanded or contracted areas for each section in accordance with the individual contribution made by that section to the total is also planned.

MULTI-MAP

Multi-Map est un programme d'ordinateur qui, à l'aide d'une combinaison de symboles pour imprimante, "dessine" une carte ombrée d'une région ou d'une partie de région géographique, et possède la capacité interne d'assigner, en teintes, un niveau de valeur à chaque variable dont se compose l'entrée.

Ce programme a pour but d'indiquer la corrélation entre les variables. Ces cartes, ainsi que l'usage facultatif de résumés sous forme de tableaux recoupés, permettent d'examiner rapidement un grand nombre de relations mutuelles.

R.E.G.

R.E.G. représente une série de programmes d'ordinateur qui, à l'aide de graphiques circulaires, expriment des rapports, sous une forme significative. Ces graphiques peuvent être placés dans toute région géographique ou zone d'une carte.

Pour le moment, le fonctionnement se résume au dessin de graphiques circulaires de rapports représentant un segment du cercle complet.

On prévoit également la mise au point d'un graphique sectoriel qui diviserait une ellipse en sections égales comportant des zones variables à l'égard de chaque section, conformément à la contribution de chaque section à l'ensemble.

SUM-MAP

Sum-Map is a computer program which is being written which evenly spaces symbols for a given sum of people, or sub-groups of people, (or any alternative variable). It is hoped that it will be possible to make provision for five parameters with ten symbols defining various levels of ratio of population to area.

SY-MAP

Sy-Map is a computer program for producing one variable map which uses printer symbols to depict quantitative and qualitative information which is distributed over two or more zones of the area that is being mapped. It is suited to a broad range of applications based on a number of options for a variety of requirements, including:

Contour (based on the use of contour lines, each of which represents a uniform value throughout its length).

Conformant (based on conformance to the boundaries of a data zone).

Proximal (based on proximity to a data point).

SUM-MAP

Sum-Map est un programme d'ordinateur en préparation, qui place à intervalles égaux les symboles représentant un nombre donné de personnes ou des sous-groupes de personnes (ou toute autre variable). Nous espérons qu'il sera possible d'établir cinq paramètres avec dix symboles ayant pour fonction d'indiquer les divers niveaux du rapport d'une population à une région donnée.

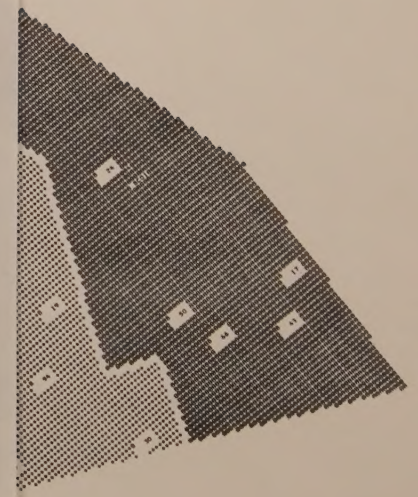
SY-MAP

Sy-Map est un programme d'ordinateur dont l'objet est de préparer des cartes à une variable à l'aide de symboles pour imprimante; ces symboles représentent les renseignements quantitatifs et qualitatifs répartis sur deux zones ou plus de la région mise en carte. Ses possibilités d'application sont très vastes et sont fondées sur un certain nombre d'options répondant à des besoins variés, notamment:

Le profil (fondé sur l'utilisation des courbes de niveau, chacune d'entre elles représentant une valeur uniforme sur toute sa longueur.

La conformité (fondée sur la conformité aux limites d'une zone de données).

La proximité (basée sur la proximité d'une donnée).



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352-68

```
BRITISH COLUMBIA -PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC, 1968

                 VARIABLE: DAYS OF CARE PER 1000 POPULATION

         RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

              VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                    1            1471.0000        2438.0000

                           RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

            POLYGON NAME AND NUMBER                                      POLYGON VALUE
    RANK    VARIABLE 1                                                  VAR 1

     10      BC09                                                       2438.00
      9      BC07                                                       2193.00
      8      BC01                                                       1897.00
      7      BC08                                                       1831.00
      6      BC05                                                       1789.00
      5      BC10                                                       1771.00
      4      BC03                                                       1692.00
      3      BC06                                                       1651.00
      2      BC02                                                       1636.00
      1      BC04                                                       1471.00
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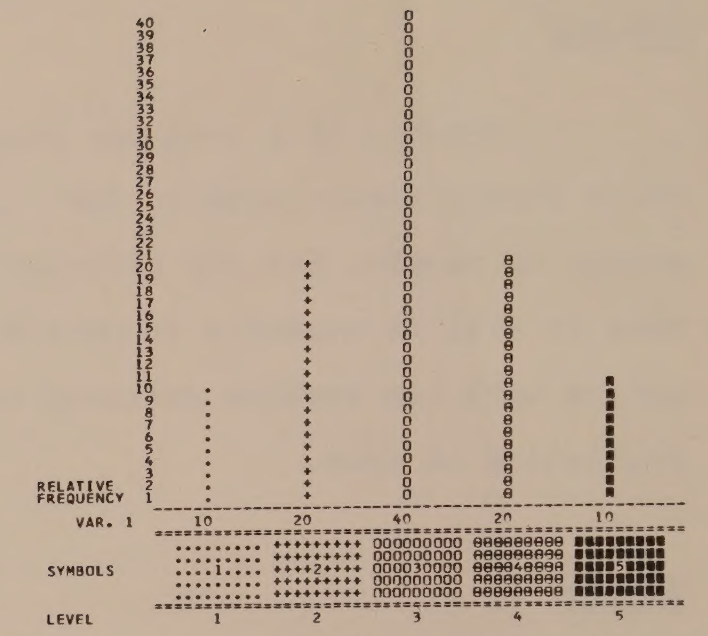

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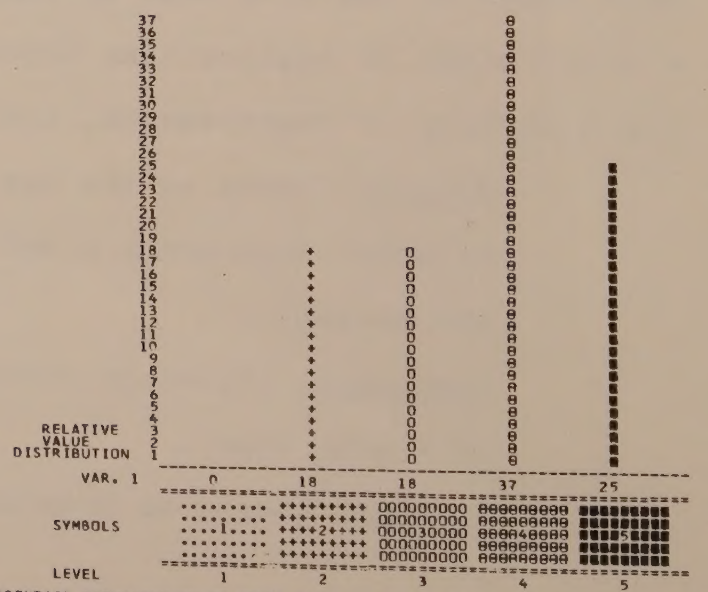
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     0.21      18.58      18.58      37.36      25.28
      MAXIMUM MILLILF VALUE APPLYING TO EACH LEVEL
         VAR. 1     0.101      0.305      0.703      0.901      1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                 1471.000  1473.000  1653.000  1833.000  2195.000
         VAR. 1     TO        TO        TO        TO        TO
                 1473.000  1653.000  1833.000  2195.000  2440.000
```



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PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

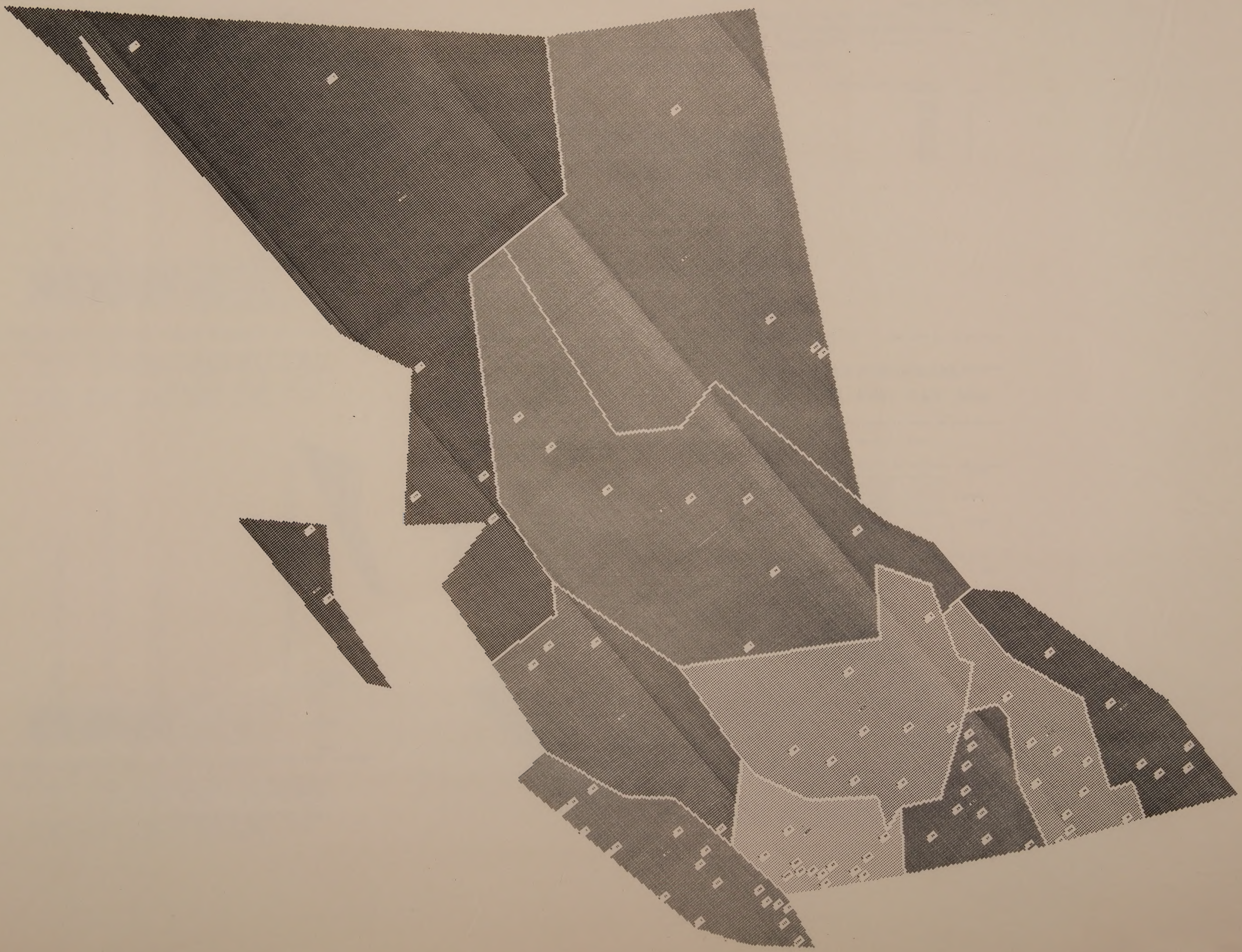
      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     0.21      18.58      18.58      37.36      25.28
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
         VAR. 1     0.101      0.305      0.703      0.901      1.000
      VALUE RANGE APPLYING TO EACH LEVEL
                 1471.000  1473.000  1653.000  1833.000  2195.000
         VAR. 1     TO        TO        TO        TO        TO
                 1473.000  1653.000  1833.000  2195.000  2440.000
```

BRITISH COLUMBIA -PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC, 1968

VARIABLE: DAYS OF CARE PER 1000 POPULATION

RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

VARIABLE NO.	MINIMUM VALUE	MAXIMUM VALUE
1	1471.0000	2438.0000



10 60 -1
352-68

10 60 -2
352-68

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BRITISH COLUMBIA -PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC, 1968

                    VARIABLE: DAYS OF CARE PER 1000 POPULATION

          RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

               VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                         1          1471.0000        2438.0000

                                   RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

             POLYGON NAME AND NUMBER                                                          POLYGON VALUE
    RANK    VARIABLE 1                                                                       VAR 1

     10       BC09                                                                            2438.00
      9       BC07                                                                            2193.00
      8       BC01                                                                            1897.00
      7       BC08                                                                            1831.00
      6       BC05                                                                            1789.00
      5       BC10                                                                            1771.00
      4       BC03                                                                            1692.00
      3       BC06                                                                            1651.00
      2       BC02                                                                            1636.00
      1       BC04                                                                            1471.00
```

```
DATA VALUE EXTREMES ARE       1471.00     2438.00


ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
      %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM    1471.00    1480.67    1664.40    1838.46    2196.25
  MAXIMUM    1480.67    1664.40    1838.46    2196.25    2438.00


PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

               1.00      19.00      18.00      37.00      25.00


FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL        1          2          3          4          5
          ==================================================
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
  SYMBOLS  ....1....  ++++2++++  000030000  888848888  ■■■■5■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
          ==================================================
  FREQ.        1          2          4          2          1
         1  I..1..I    I++2++I    I003001    I884881    I■■5■■I
         2             I++2++I    I003001    I884881
         3                        I003001
         4                        I003001

   0.0 MINUTES FOR HISTOGRAM

TIME #  699.5
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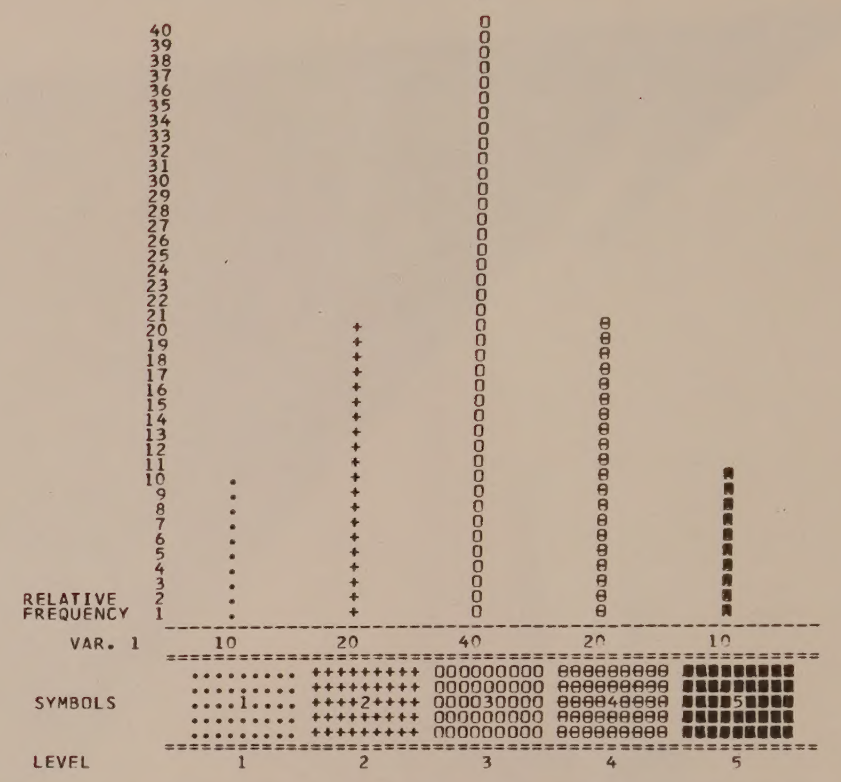

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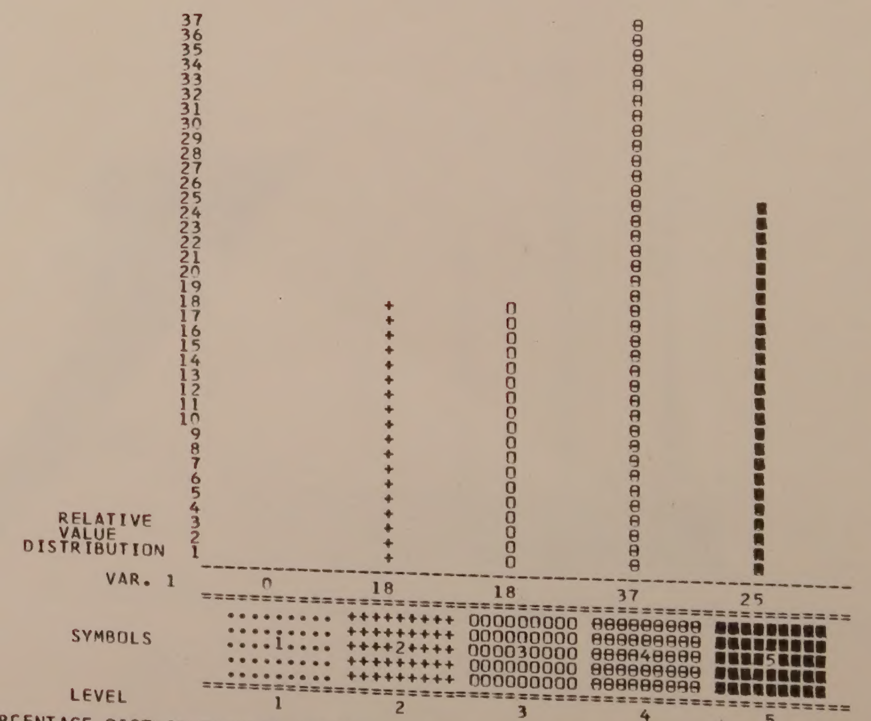
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                 (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1      0.21       18.58       18.58       37.36       25.28
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
        VAR. 1      0.101      0.305       0.703       0.901       1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                  1471.000  1473.000  1653.000  1833.000  2195.000
        VAR. 1       TO        TO        TO        TO        TO
                  1473.000  1653.000  1833.000  2195.000  2440.000
```



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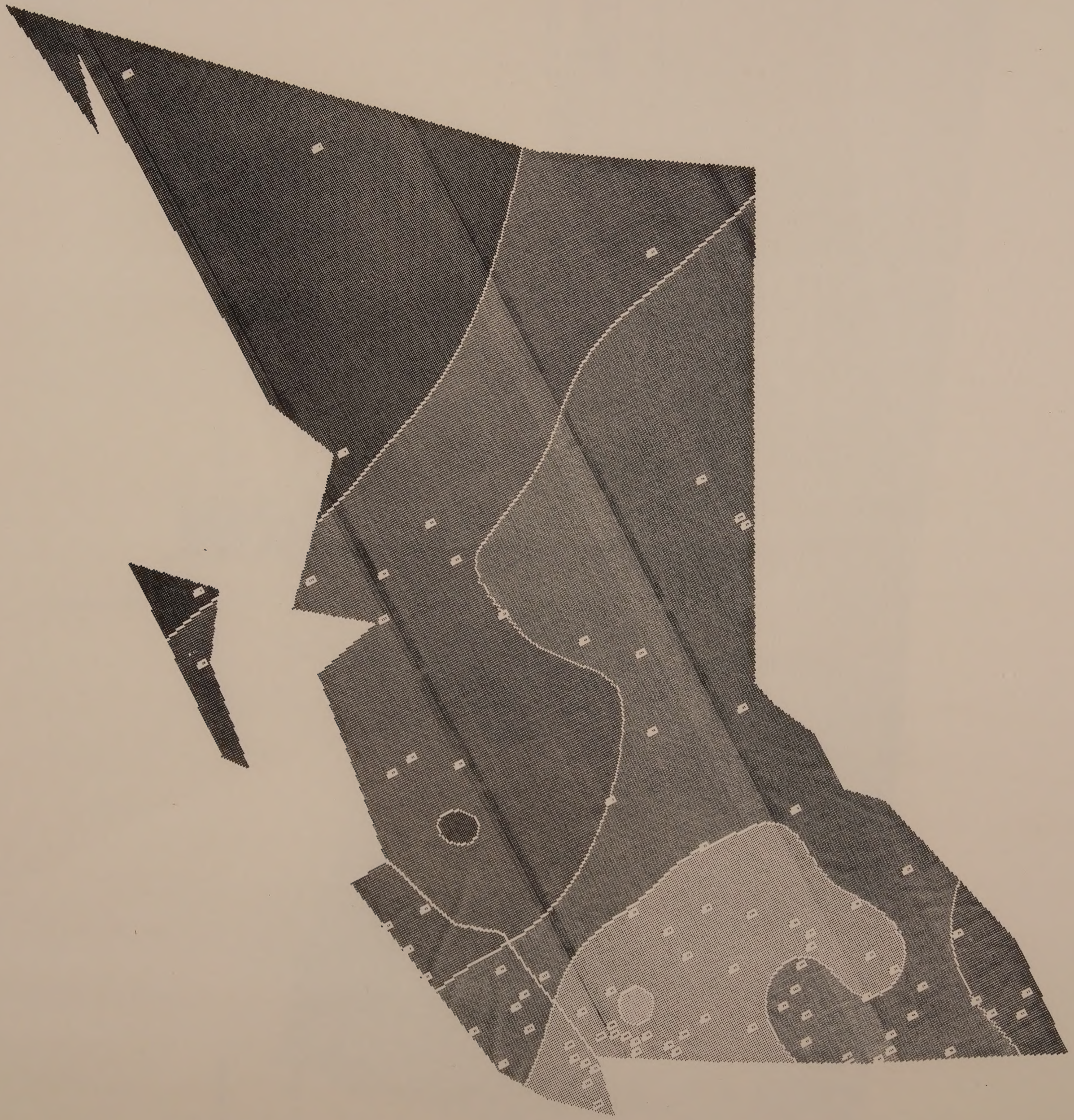
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                 (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1      0.21       18.58       18.58       37.36       25.28
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
        VAR. 1      0.101      0.305       0.703       0.901       1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                  1471.000  1473.000  1653.000  1833.000  2195.000
        VAR. 1       TO        TO        TO        TO        TO
                  1473.000  1653.000  1833.000  2195.000  2440.000
```

BRITISH COLUMBIA - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC.1968

VARIABLE - DAYS OF CARE PER 1000 POPULATION



10 60 -2
352-68

13 59 -1
352-68

```
SASKATCHEWAN - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968
                    VARIABLE - DAYS OF CARE PER 1000 POPULATION

          INTER MILLILE INTERVALS OF VALUES

               VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                     1             1506.0000        2404.0000

                                     RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

                                                                                 POLYGON VALUE
            POLYGON NAME AND NUMBER                                             VAR 1
  RANK     VARIABLE 1
                                                                               2404.00
   18      SAS03     3                                                         2386.00
   17      SAS07     7                                                         2336.00
   16      SAS14    14                                                         2280.00
   15      SAS05     5                                                         2210.00
   14      SAS09     9                                                         2210.00
   13      SAS04     4                                                         2162.00
   12      SAS08     8                                                         2111.00
   11      SAS01     1                                                         2092.00
   10      SAS17    17                                                         2083.00
    9      SAS16    16                                                         2040.00
    8      SAS10    10                                                         2005.00
    7      SAS13    13                                                         1975.00
    6      SAS12    12                                                         1969.00
    5      SAS02     2                                                         1951.00
    4      SAS18    18                                                         1950.00
    3      SAS15    15                                                         1635.00
    2      SAS06     6                                                         1506.00
    1      SAS11    11
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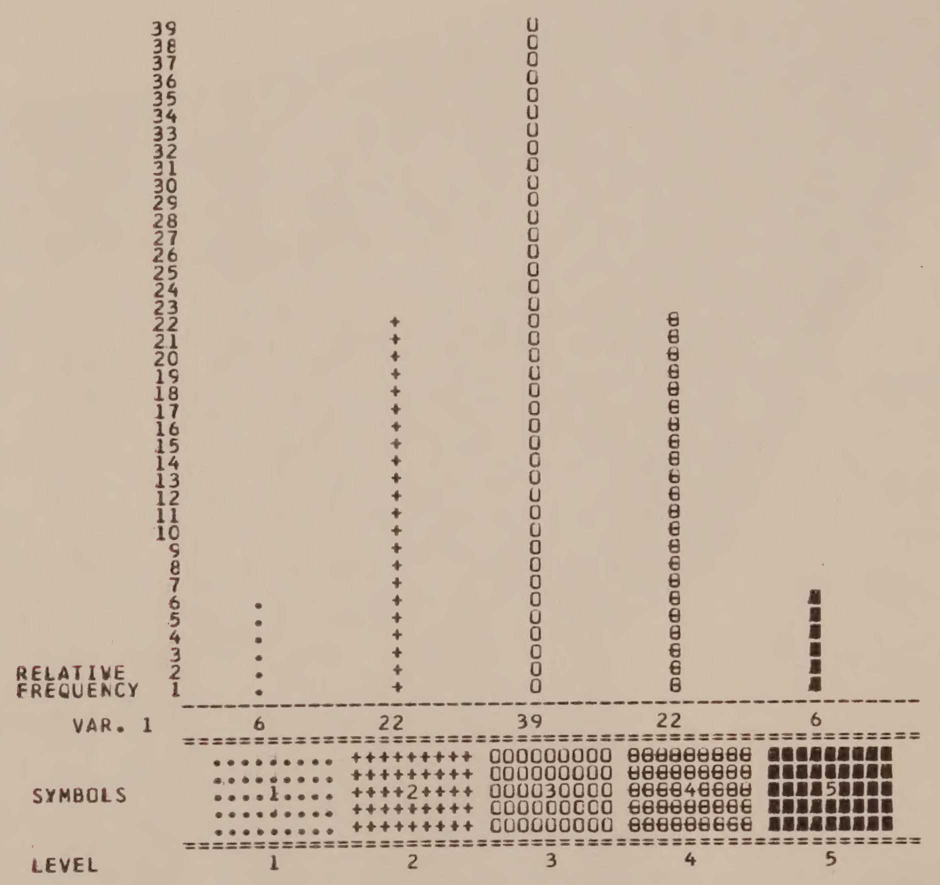

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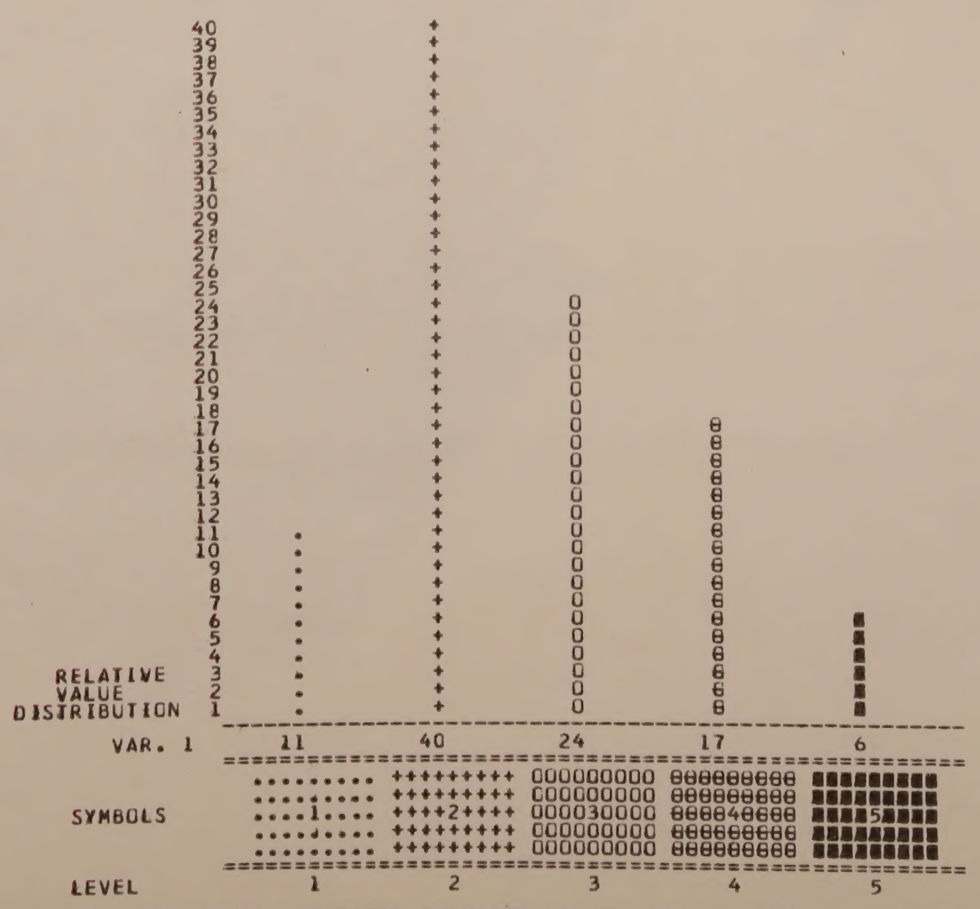
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                         (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

          PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
             VAR. 1     11.49       40.33       24.43       17.28        6.46
          MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                        0.100       0.300       0.700       0.900       1.000

          VALUE RANGE APPLYING TO EACH LEVEL
                      1506.000   1609.200   1971.400   2190.800   2346.000
             VAR. 1      TO         TO         TO         TO         TO
                      1609.200   1971.400   2190.800   2346.000   2404.000
```



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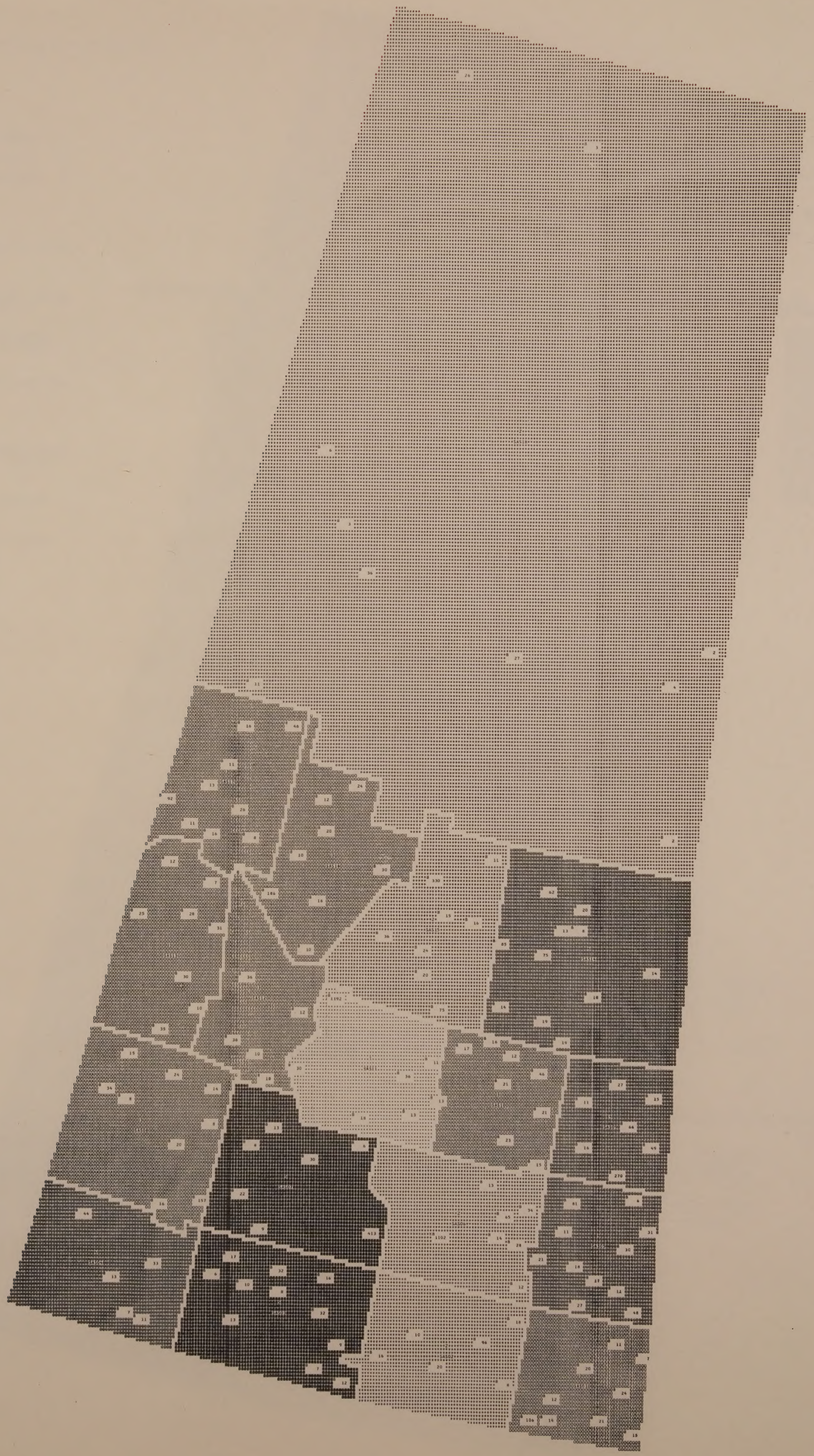
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                         (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

          PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
             VAR. 1     11.49       40.33       24.43       17.28        6.46
          MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                        0.100       0.300       0.700       0.900       1.000

          VALUE RANGE APPLYING TO EACH LEVEL
                      1506.000   1609.200   1971.400   2190.800   2346.000
             VAR. 1      TO         TO         TO         TO         TO
                      1609.200   1971.400   2190.800   2346.000   2404.000
```

```
SASKATCHEWAN - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968

                VARIABLE - DAYS OF CARE PER 1000 POPULATION
         INTER MILLILE INTERVALS OF VALUES
              VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                        1          1506.0000        2404.0000
```



13 59 -1
352-68

13 59 -2
352-68

```
SASKATCHEWAN - PRELIMINARY VERSION
1966 DATA
RUN CATE - DEC,1968

                VARIABLE - DAYS OF CARE PER 1000 POPULATION

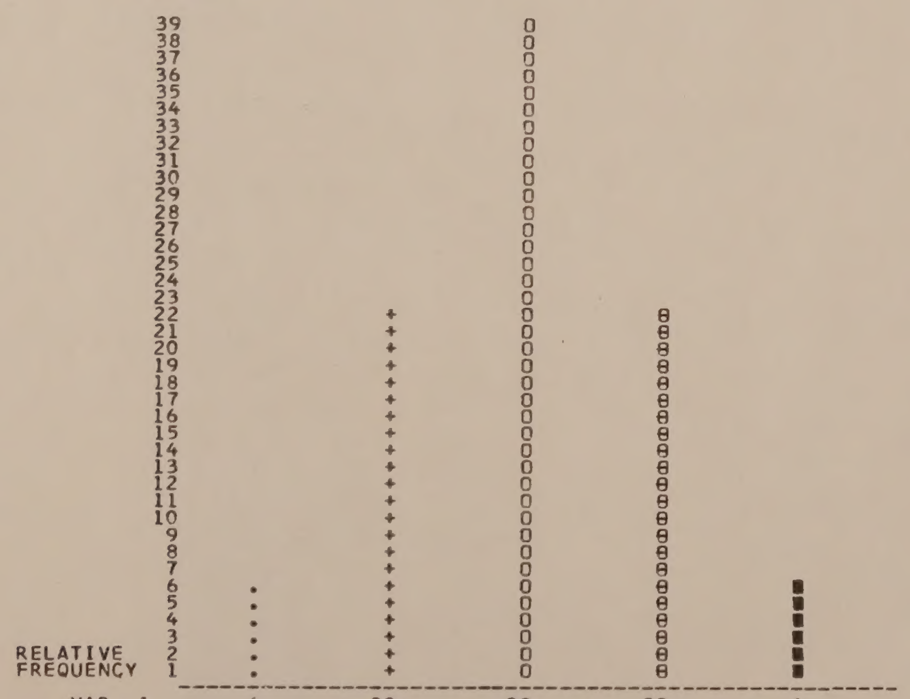
        INTER MILLILE INTERVALS OF VALUES

            VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                 1             1506.0000        2404.0000

                               RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

            POLYGON NAME AND NUMBER                                               POLYGON VALUE
   RANK    VARIABLE 1                                                              VAR 1

    18     SAS03    3                                                             2404.00
    17     SAS07    7                                                             2386.00
    16     SAS14   14                                                             2336.00
    15     SAS05    5                                                             2280.00
    14     SAS09    9                                                             2210.00
    13     SAS04    4                                                             2210.00
    12     SAS08    8                                                             2162.00
    11     SAS01    1                                                             2111.00
    10     SAS17   17                                                             2092.00
     9     SAS16   16                                                             2083.00
     8     SAS10   10                                                             2040.00
     7     SAS13   13                                                             2005.00
     6     SAS12   12                                                             1975.00
     5     SAS02    2                                                             1969.00
     4     SAS18   18                                                             1951.00
     3     SAS15   15                                                             1950.00
     2     SAS06    6                                                             1635.00
     1     SAS11   11                                                             1506.00
```



```
     VAR. 1       6          22         39         22          6
              ========================================================
                 .........  +++++++++  000000000  888888888  █████████
                 .........  +++++++++  000000000  888888888  █████████
     SYMBOLS     ....1....  ++++2++++  000030000  888848888  ████5████
                 .........  +++++++++  000000000  888888888  █████████
                 .........  +++++++++  000000000  888888888  █████████
              ========================================================
     LEVEL           1          2          3          4          5

FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                 (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

         PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1    11.49      40.33      24.43      17.28       6.46
         MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100      0.300      0.700      0.900      1.000

         VALUE RANGE APPLYING TO EACH LEVEL
                   1506.000  1609.200  1971.400  2190.800  2346.000
           VAR. 1     TO        TO        TO        TO        TO
                   1609.200  1971.400  2190.800  2346.000  2404.000
```

```
C   SASKATCHEWAN - PRELIMINARY VERSION

C   1966 DATA

C   RUN DATE - DEC,1968

                                                VARIABLE - DAYS OF CARE PER 1000 POPULATION


DATA VALUE EXTREMES ARE      1506.00     2404.00

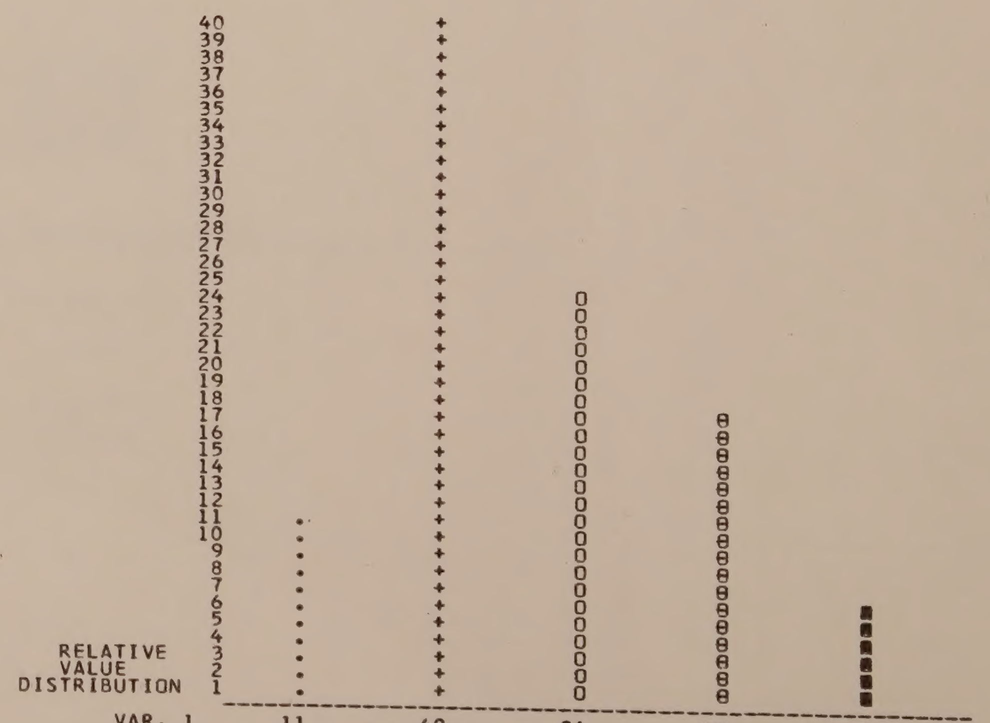

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
       %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM    1506.00   1609.19   1971.39   2190.79   2345.98
  MAXIMUM    1609.19   1971.39   2190.79   2345.98   2404.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

             11.49     40.33     24.43     17.28      6.46

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL          1          2          3          4          5
           ========================================================
             .........  +++++++++  CCCCCCCCC  888888888  █████████
             .........  +++++++++  CCCCCCCCC  888888888  █████████
  SYMBOLS    ....1....  ++++2++++  CCC3CCCCC  888848888  ████5████
             .........  +++++++++  CCCCCCCCC  888888888  █████████
             .........  +++++++++  CCCCCCCCC  888888888  █████████
           ========================================================
  FREQ.          1          4          7          4          2
         1   I..1..I    I++2++I    ICC3CCI    I88488I    I██5██I
         2              I++2++I    ICC3CCI    I88488I    I██5██I
         3              I++2++I    ICC3CCI    I88488I
         4              I++2++I    ICC3CCI    I88488I
         5                         ICC3CCI
         6                         ICC3CCI
         7                         ICC3CCI
       ----------------------------------------------------------
```



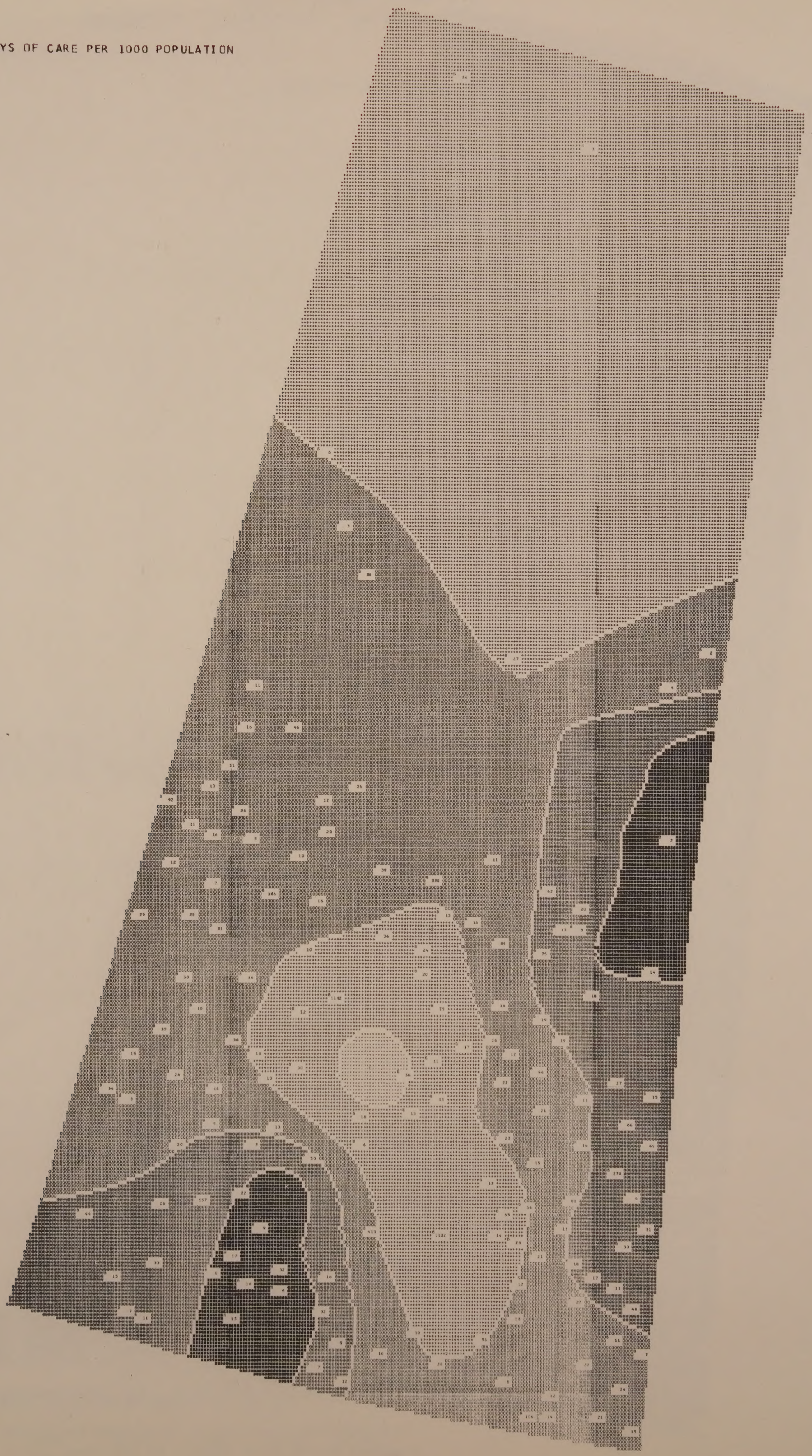
```
        VAR. 1       11         40         24         17          6
                 ========================================================
                    .........  +++++++++  000000000  888888888  █████████
                    .........  +++++++++  000000000  888888888  █████████
        SYMBOLS     ....1....  ++++2++++  000030000  888848888  ████5████
                    .........  +++++++++  000000000  888888888  █████████
                    .........  +++++++++  000000000  888888888  █████████
                 ========================================================
        LEVEL           1          2          3          4          5
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

         PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1    11.49      40.33      24.43      17.28       6.46
         MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100      0.300      0.700      0.900      1.000

         VALUE RANGE APPLYING TO EACH LEVEL
                   1506.000  1609.200  1971.400  2190.800  2346.000
           VAR. 1     TO        TO        TO        TO        TO
                   1609.200  1971.400  2190.800  2346.000  2404.000
```

SASKATCHEWAN - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968

VARIABLE - DAYS OF CARE PER 1000 POPULATION



13 59 -3
352-68

```
SASKATCHEWAN - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968

                         VARIABLE - SEPARATIONS PER 1000 PERSONS

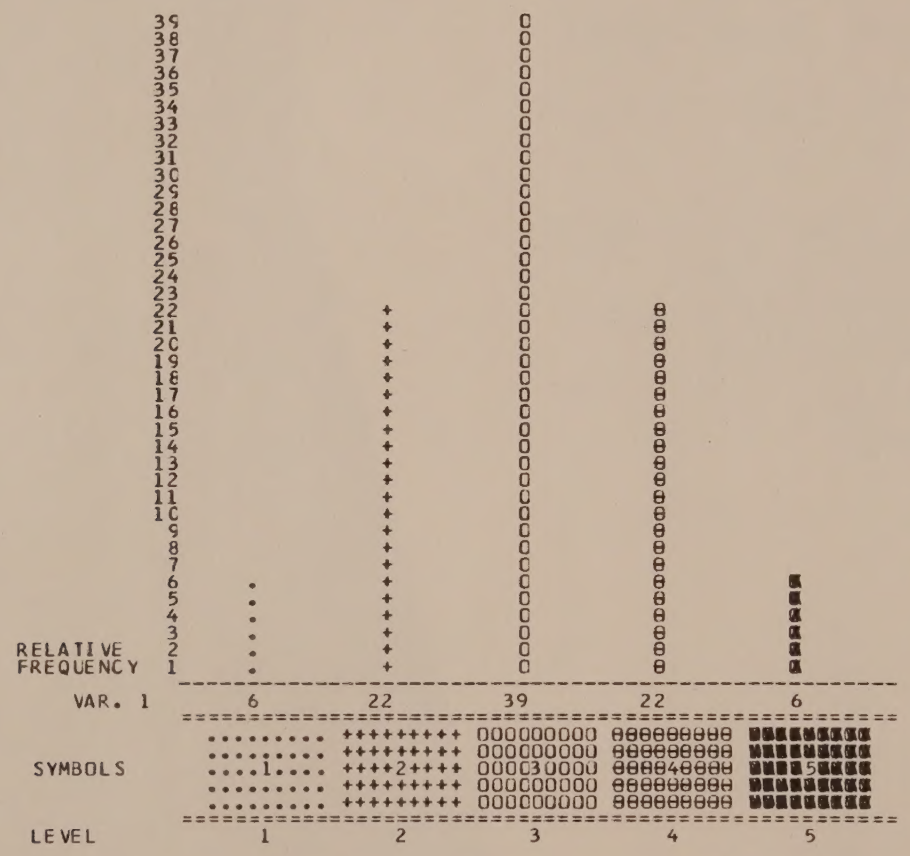
        INTER MILLILE INTERVALS OF VALUES

             VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                  1              144.0000         288.0000

                                   RANK CF POLYGONS BY VALUE FOR EACH VARIABLE

               POLYGON NAME AND NUMBER                                                          POLYGON VALUE
   RANK      VARIABLE 1                                                                       VAR 1

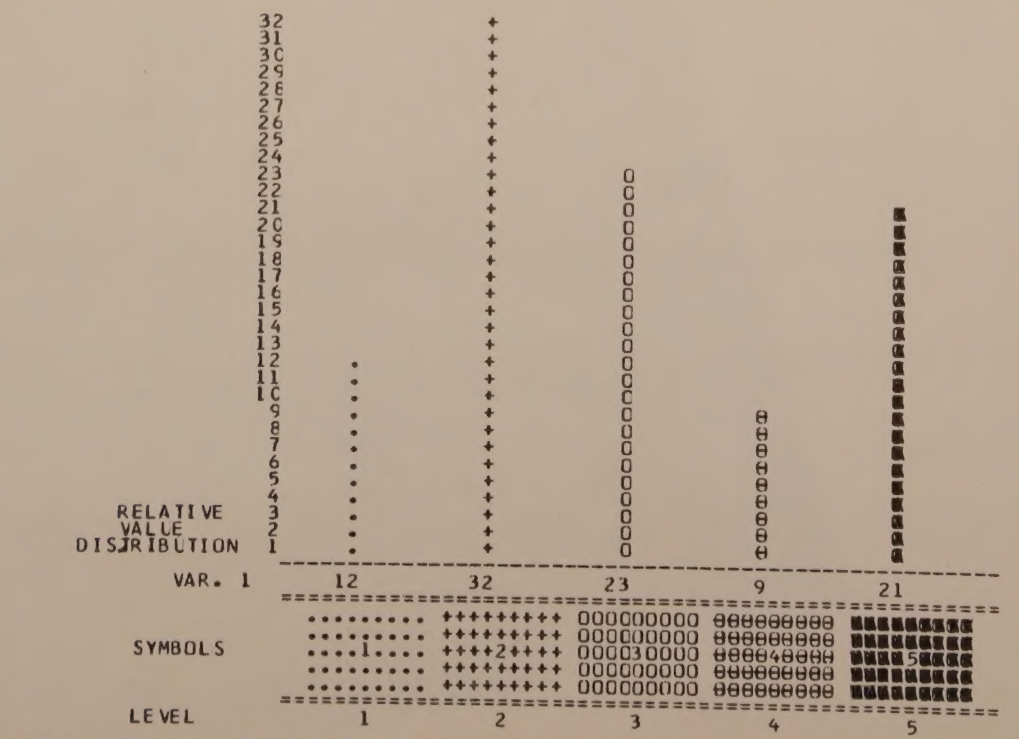
    18       SA S03    3                                                                      288.0C
    17       SA S04    4                                                                      263.00
    16       SA S14   14                                                                      255.0C
    15       SA S18   18                                                                      251.0C
    14       SA S08    8                                                                      246.0C
    13       SA S05    5                                                                      246.00
    12       SA S16   16                                                                      237.0C
    11       SA S01    1                                                                      236.0C
    10       SA S17   17                                                                      231.00
     9       SA S13   13                                                                      231.00
     8       SA S1C   10                                                                      227.0C
     7       SA S09    9                                                                      212.0C
     6       SA S15   15                                                                      2C8.00
     5       SA S12   12                                                                      2C8.00
     4       SA S07    7                                                                      2C8.0C
     3       SA S02    2                                                                      2C1.0C
     2       SA S06    6                                                                      166.0C
     1       SA S11   11                                                                      144.0C
```



```
FREQUENCY DISTRIBUTICN BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                       (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1     12.22      32.22      23.89      9.86      21.81
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                      0.100      0.300      0.700      0.900      1.000

        VALUE RANGE APPLYING TC EACH LEVEL
                     144.000    161.600    208.000    242.400    256.60C
           VAR. 1     TC         TO         TO         TO         TO
                     161.600    208.000    242.400    256.600    288.00C
```



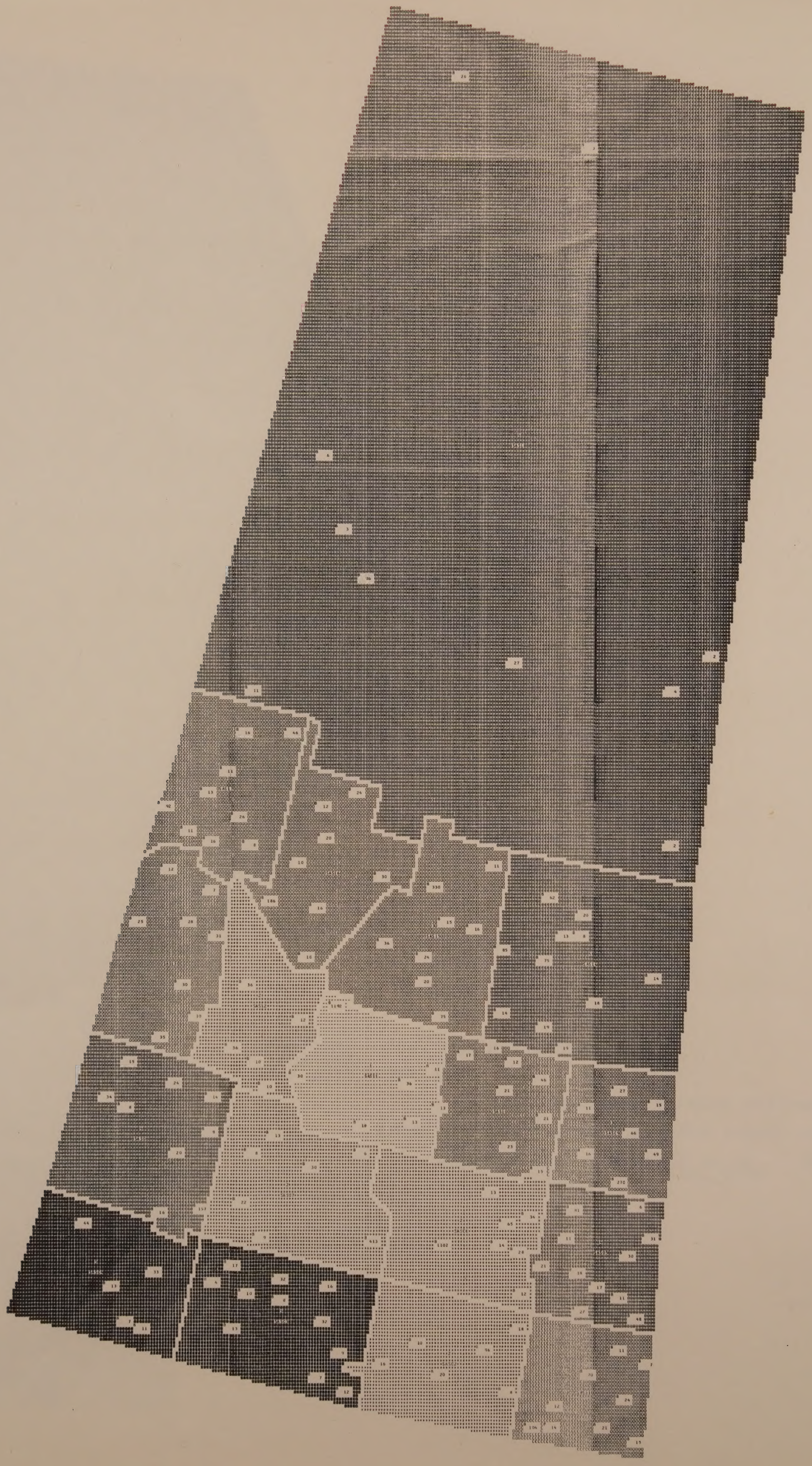
```
PERCENTAGE DISTRIBUTION CF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                       (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1     12.22      32.22      23.89      9.86      21.81
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                      0.100      0.300      0.700      0.900      1.000

        VALUE RANGE APPLYING TC EACH LEVEL
                     144.000    161.600    208.000    242.400    256.600
           VAR. 1     TC         TO         TO         TO         TO
                     161.600    208.000    242.400    256.600    288.00C
```

```
SASKATCHEWAN - PRELIMINARY VERSICN
1966 DATA
RUN DATE - DEC.1968

                    VARIABLE - SEPARATICNS PER 1000 PERSONS
          INTER MILLILE INTERVALS OF VALUES
               VARIABLE NC.    MINIMUM VALUE    MAXIMUM VALJE
                        1            144.0000          288.0000
```



13 59 -3
352-68

N
ALS
9

14 59 -1
352-68

```
MANITOBA - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968

                 VARIABLE: DAYS OF CARE PER 1000 POPULATION

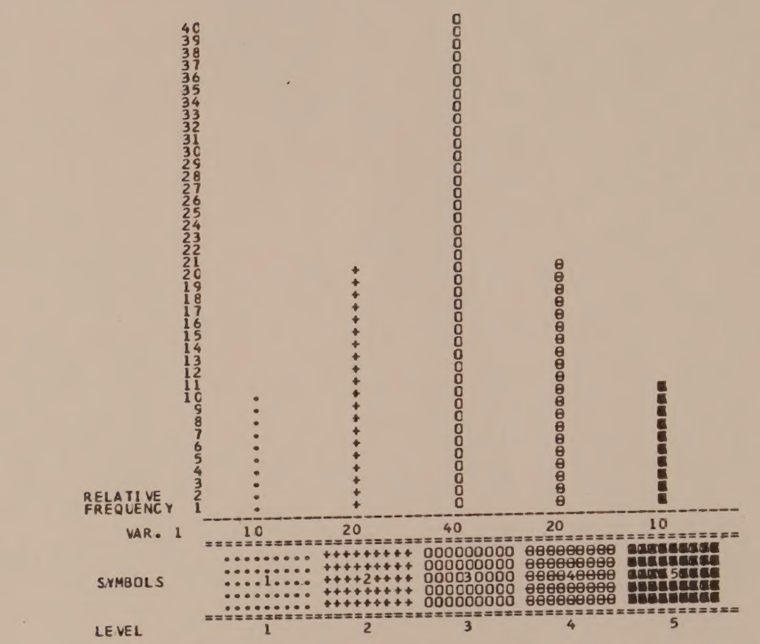
         RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

              VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                        1           1445.5498           2402.1799

                            RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

             POLYGON NAME AND NUMBER                                                  POLYGON VALUE
  RANK     VARIABLE 1                                                                VAR 1

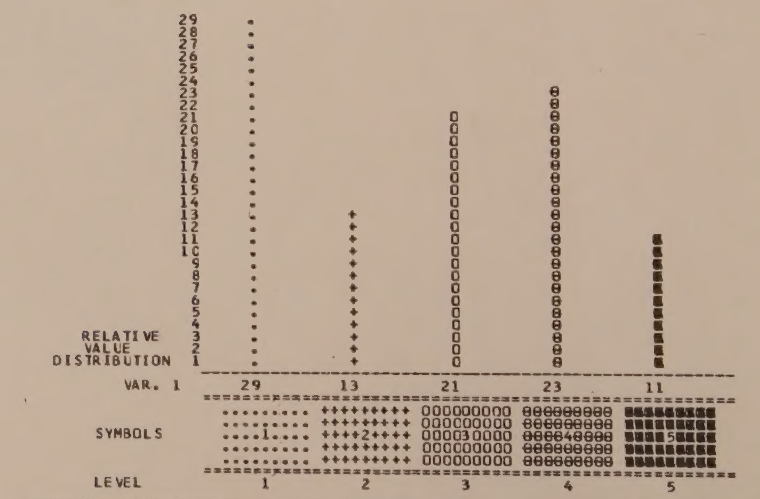
   20       MAN03                                                                    2402.18
   19       MAN17                                                                    2328.18
   18       MAN16                                                                    2292.72
   17       MAN11                                                                    2290.52
   16       MAN18                                                                    2246.77
   15       MAN07                                                                    2232.89
   14       MAN13                                                                    2068.33
   13       MAN01                                                                    1998.29
   12       MAN04                                                                    1997.38
   11       MAN14                                                                    1990.55
   10       MAN05                                                                    1924.26
    9       MAN09                                                                    1915.93
    8       MAN02                                                                    1905.16
    7       MAN10                                                                    1867.59
    6       MAN12                                                                    1860.89
    5       MAN15                                                                    1821.85
    4       MAN08                                                                    1789.02
    3       MAN20                                                                    1752.50
    2       MAN19                                                                    1729.14
    1       MAN06                                                                    1445.55
```



```
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                      (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     29.86       13.65       21.68       23.35       11.46
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
         VAR. 1     0.106       0.316       0.701       0.903       1.000

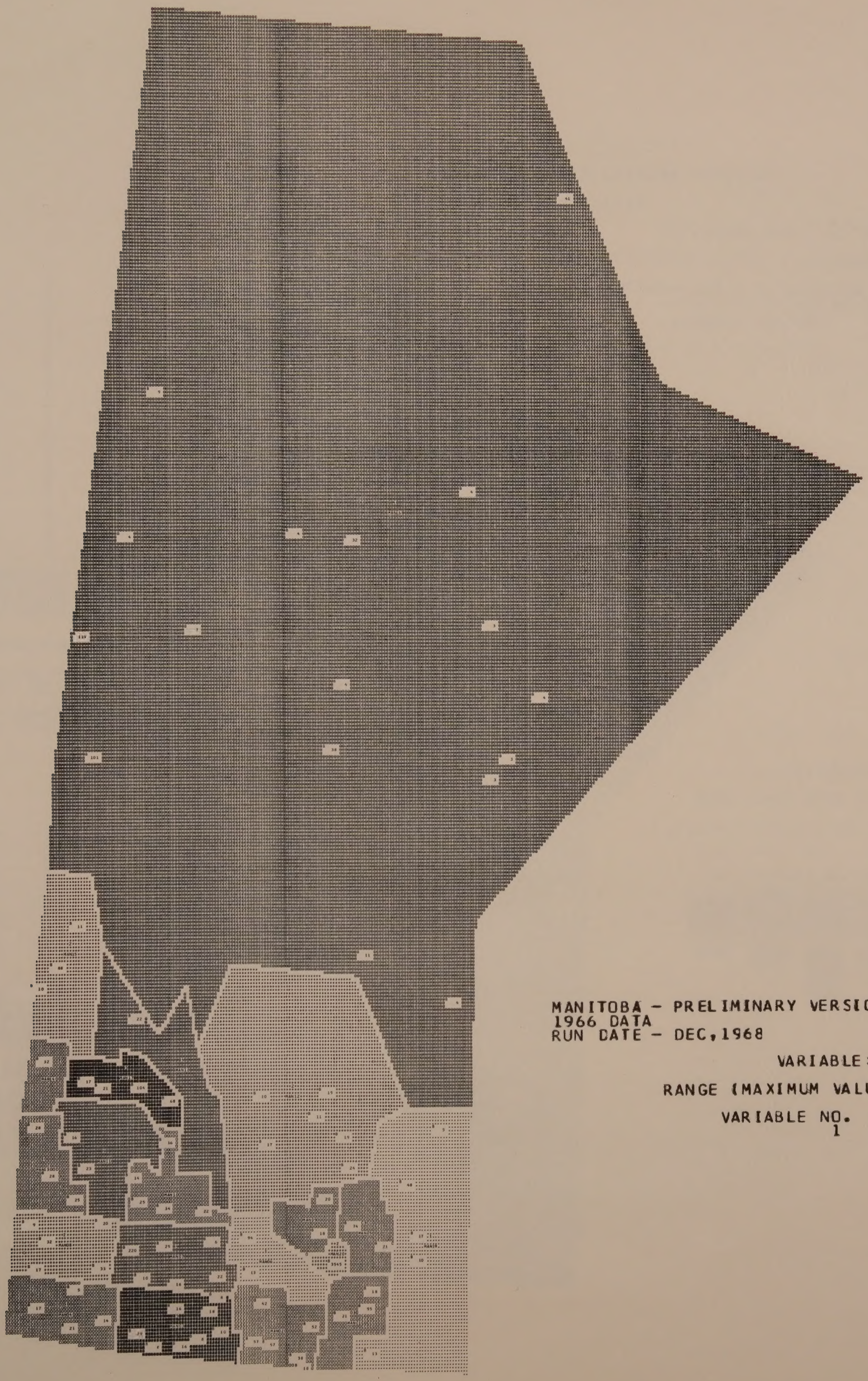
      VALUE RANGE APPLYING TO EACH LEVEL
                   1445.550    1732.000    1863.000    2071.000    2295.000
         VAR. 1       TO          TO          TO          TO          TO
                   1732.000    1863.000    2071.000    2295.000    2405.00C
```



```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                      (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     29.86       13.65       21.68       23.35       11.46
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
         VAR. 1     0.106       0.316       0.701       0.903       1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   1445.550    1732.000    1863.000    2071.000    2295.000
         VAR. 1       TO          TO          TO          TO          TO
                   1732.000    1863.000    2071.000    2295.000    2405.00C
```



```
MANITOBA - PRELIMINARY VERSION
1966 DATA
RUN DATE - DEC,1968
                    VARIABLE: DAYS OF CARE PER 1000 POPULATION

              RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

                   VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                             1         1445.5498         2402.1799
```

14 59 -1
352-68

14 59 -2
352-68

```
MANITOBA - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV,1968

                  VARIABLE: DAYS OF CARE PER 1000 POPULATION

          RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

                VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                      1              1445.5498        2402.1799

                                   RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

           POLYGON NAME AND NUMBER                                                  POLYGON VALUE
   RANK    VARIABLE 1                                                              VAR 1

    20     MAN03                                                                   2402.18
    19     MAN17                                                                   2328.18
    18     MAN16                                                                   2292.72
    17     MAN11                                                                   2290.52
    16     MAN18                                                                   2246.77
    15     MAN07                                                                   2232.89
    14     MAN13                                                                   2068.33
    13     MAN01                                                                   1998.29
    12     MAN04                                                                   1997.38
    11     MAN14                                                                   1990.55
    10     MAN05                                                                   1924.26
     9     MAN09                                                                   1915.93
     8     MAN02                                                                   1905.16
     7     MAN10                                                                   1867.59
     6     MAN12                                                                   1860.89
     5     MAN15                                                                   1821.85
     4     MAN08                                                                   1789.02
     3     MAN20                                                                   1752.50
     2     MAN19                                                                   1729.14
     1     MAN06                                                                   1445.55
```

```
C   MANITOBA - PRELIMINARY VERSION

C   1966 DATA

C  RUN DATE - DEC,1968

                                                       VARIABLE - DAYS OF CARE PER 1000 POPULATION


DATA VALUE EXTREMES ARE      1445.55    2402.18


ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
      %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM   1445.55   1732.54   1866.47   2076.93   2296.95
  MAXIMUM   1732.54   1866.47   2076.93   2296.95   2402.18

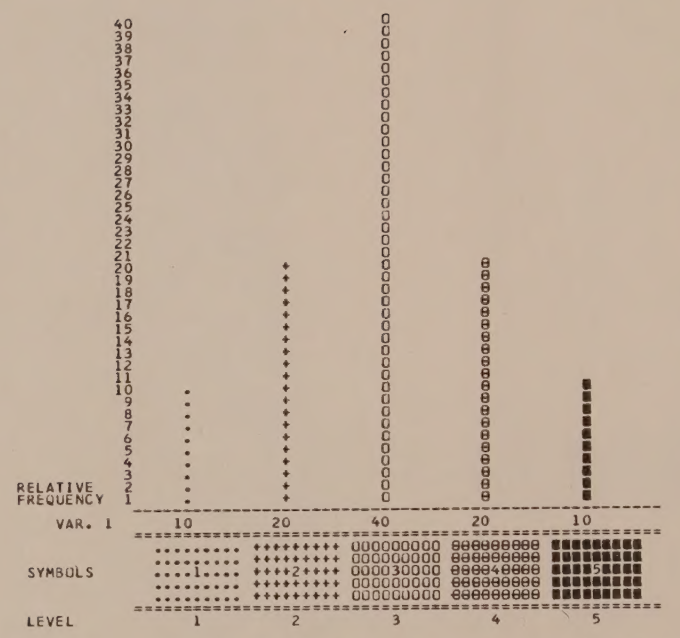
PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

            30.00     14.00     22.00     23.00     11.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL         1          2          3          4          5
          ====================================================
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
  SYMBOLS  ....1....  ++++2++++  000030000  888848888  ■■■■5■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
           .........  +++++++++  000000000  888888888  ■■■■■■■■■
          ====================================================
  FREQ.         2          4          8          4          2
        1    I..1..I    I++2++I    I00300I    I88488I    I■■5■■I
        2    I..1..I    I++2++I    I00300I    I88488I    I■■5■■I
        3               I++2++I    I00300I    I88488I
        4               I++2++I    I00300I    I88488I
        5                          I00300I
        6                          I00300I
        7                          I00300I
        8                          I00300I

   0.0 MINUTES FOR HISTOGRAM

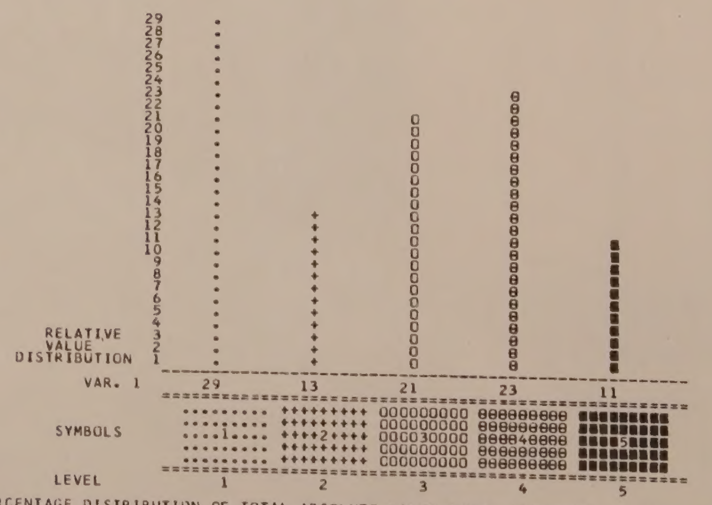
TIMF #  715.5
```



```
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1    29.86     13.65     21.68     23.35     11.46
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
        VAR. 1    0.106     0.316     0.701     0.903     1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                1445.550  1732.000  1863.000  2071.000  2295.000
        VAR. 1     TO        TO        TO        TO        TO
                1732.000  1863.000  2071.000  2295.000  2405.000
```



```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1    29.86     13.65     21.68     23.35     11.46
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
        VAR. 1    0.106     0.316     0.701     0.903     1.000

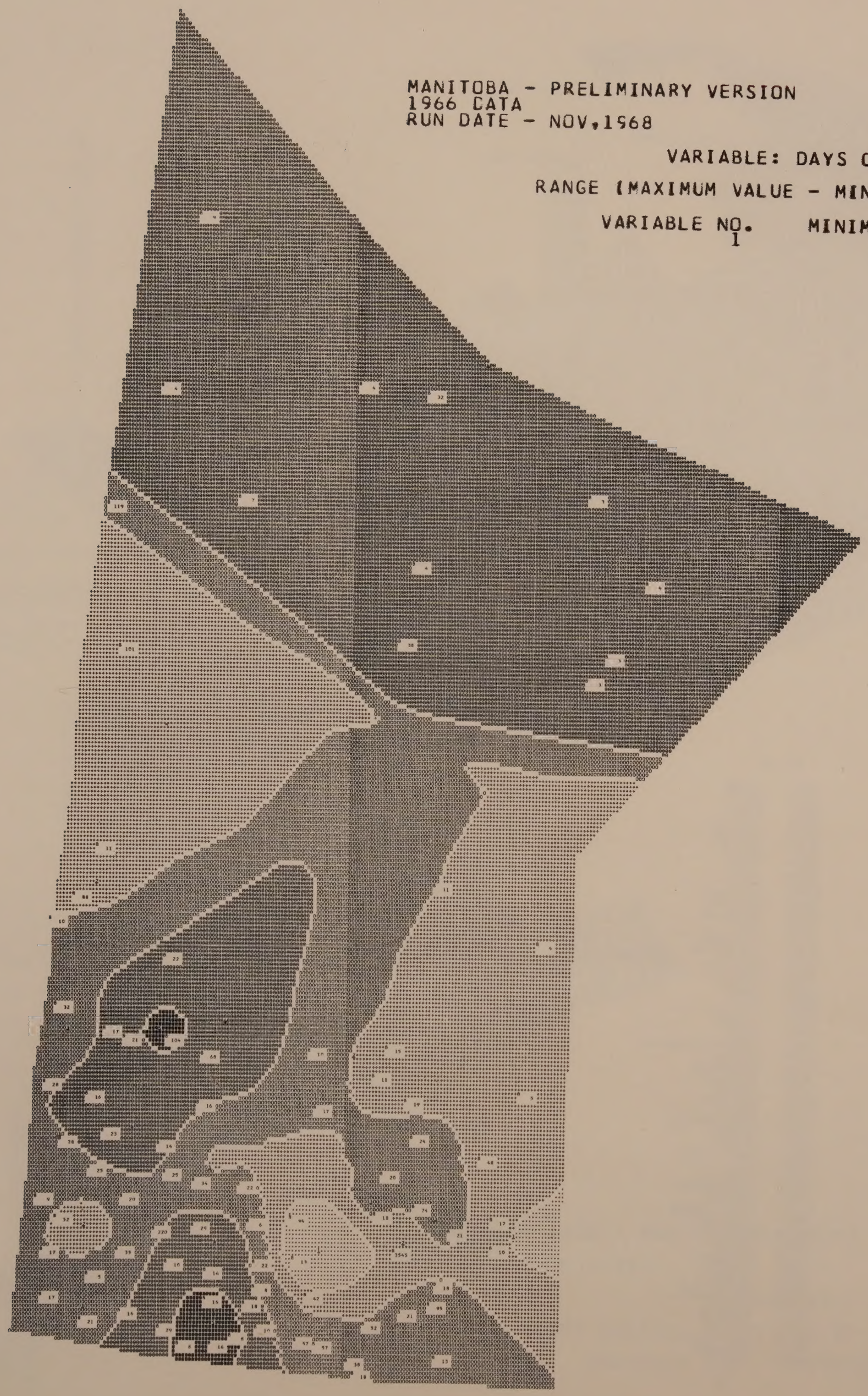
      VALUE RANGE APPLYING TO EACH LEVEL
                1445.550  1732.000  1863.000  2071.000  2295.000
        VAR. 1     TO        TO        TO        TO        TO
                1732.000  1863.000  2071.000  2295.000  2405.000
```

```
MANITOBA - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV,1968

                    VARIABLE: DAYS OF CARE PER 1000 POPULATION

          RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

               VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                    1             1445.5498        2402.1799
```



14 59 -2
352-68

16 55 -1
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT
1966 DATA
RUN DATE  - OCT,1966

                    VARIABLE - DAYS CF CAFE PER 1000 PERSONS

        INTER MILLILE INTERVALS CF VALLES

             VARIABLE NC.     MINIMUM VALLE     MAXIMUM VALUE
                  1             1151.2998         2342.0999

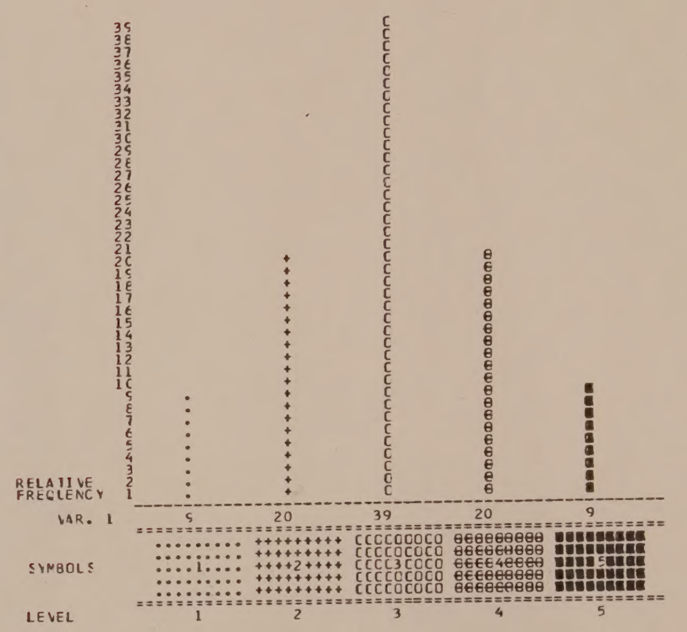
                              RANK CF FCLYCCNS BY VALUE FOR EACH VARIABLE

           POLYGCN NAME AND NLMBER                                           POLYGON VALLE
 RANK    VARIABLE 1                                                        VAR 1

  44      ONT13                                                            2342.1C
  43      ONT23                                                            2234.3C
  42      ONTC3                                                            222C.7C
  41      ONT22                                                            2168.2C
  40      ONTC2                                                            2101.6C
  39      ONT14                                                            2C58.8C
  38      ONT12                                                            2051.8C
  37      ONT45                                                            2022.0C
  36      ONT24                                                            1997.4C
  35      ONT25                                                            1966.3C
  34      ONT37                                                            1952.9C
  33      ONTC9                                                            195C.8C
  32      ONTC6                                                            1913.1C
  31      ONT42                                                            1896.8C
  30      ONT11                                                            1891.7C
  29      ONT19                                                            185C.4C
  28      ONT4C                                                            1811.8C
  27      ONT18                                                            1797.5C
  26      ONT44                                                            1777.3C
  25      ONT52                                                            1773.6C
  24      ONT26                                                            1757.7C
  23      ONT29                                                            1738.9C
  22      ONT53                                                            17C9.2C
  21      ONT32                                                            1708.1C
  20      ONTC7                                                            1706.CC
  19      ONT49                                                            1701.9C
  18      ONT51                                                            1695.7C
  17      ONT15                                                            169C.3C
  16      ONT38                                                            1684.3C
  15      ONTC8                                                            1667.8C
  14      ONT28                                                            1665.2C
  13      ONT21                                                            166C.8C
  12      ONT16                                                            1639.8C
  11      ONT34                                                            1599.5C
  10      ONT39                                                            1598.3C
   9      ONT1C                                                            1542.4C
   8      ONT5C                                                            1471.7C
   7      ONT33                                                            1417.2C
   6      ONTC4                                                            1399.5C
   5      ONT31                                                            1374.1C
   4      ONT54                                                            1365.8C
   3      ONT36                                                            1361.7C
   2      ONT17                                                            1354.3C
   1      ONT43                                                            1151.3C
```

ONTARIO

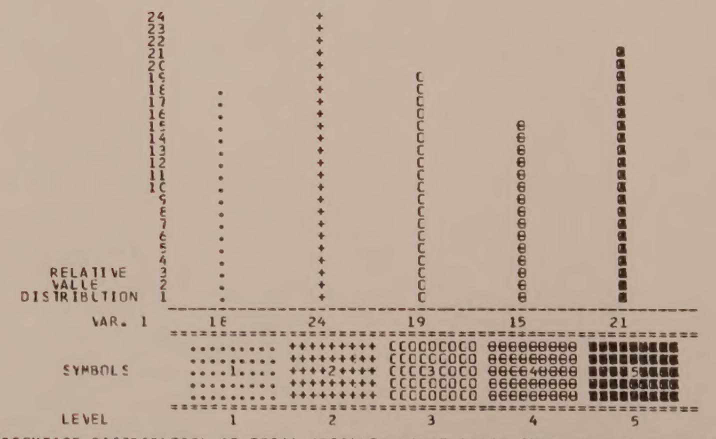
ONT01	ALGOMA
ONT02	BRANT
ONT03	BRUCE
ONT04	CARLETON
ONT05	COCHRANE
ONT06	DUFFERIN
ONT07	DUNDAS
ONT08	DURHAM
ONT09	ELGIN
ONT10	ESSEX
ONT11	FRONTENAC
ONT12	GLENGARRY
ONT13	GRENVILLE
ONT14	GREY
ONT15	HALDIMAND
ONT16	HALIBURTON
ONT17	HALTON
ONT18	HASTINGS
ONT19	HURON
ONT20	KENORA
ONT21	KENT
ONT22	LAMBTON
ONT23	LANARK
ONT24	LEEDS
ONT25	LENNOX & ADDINGTON
ONT26	LINCOLN
ONT27	MANITOULIN
ONT28	MIDDLESEX
ONT29	MUSKOKA
ONT30	NIPISSING
ONT31	NORFOLK
ONT32	NORTHUMBERLAND
ONT33	ONTARIO
ONT34	OXFORD
ONT35	PARRY SOUND
ONT36	PEEL
ONT37	PERTH
ONT38	PETERBOROUGH
ONT39	PRESCOTT
ONT40	PRINCE EDWARD
ONT41	RAINY RIVER
ONT42	RENFREW
ONT43	RUSSELL
ONT44	SIMCOE
ONT45	STORMONT
ONT46	SUDBURY
ONT47	THUNDER BAY
ONT48	TIMISKAMING
ONT49	VICTORIA
ONT50	WATERLOO
ONT51	WELLAND
ONT52	WELLINGTON
ONT53	WENTWORTH
ONT54	YORK



```
FREQUENCY DISTRIBLTICN BY PERCENTAGE CF VALUES IN EACH LEVEL FOR EACH VARIABLE
                 (CCLLMNS CF SYMBCLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRL 1)

     PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1     18.29      24.57      19.66      15.85      21.63
     MAXIMLM MILLILE VALLE APPLYING TC EACH LEVEL
                   C.100      0.300      0.700      0.900      1.000

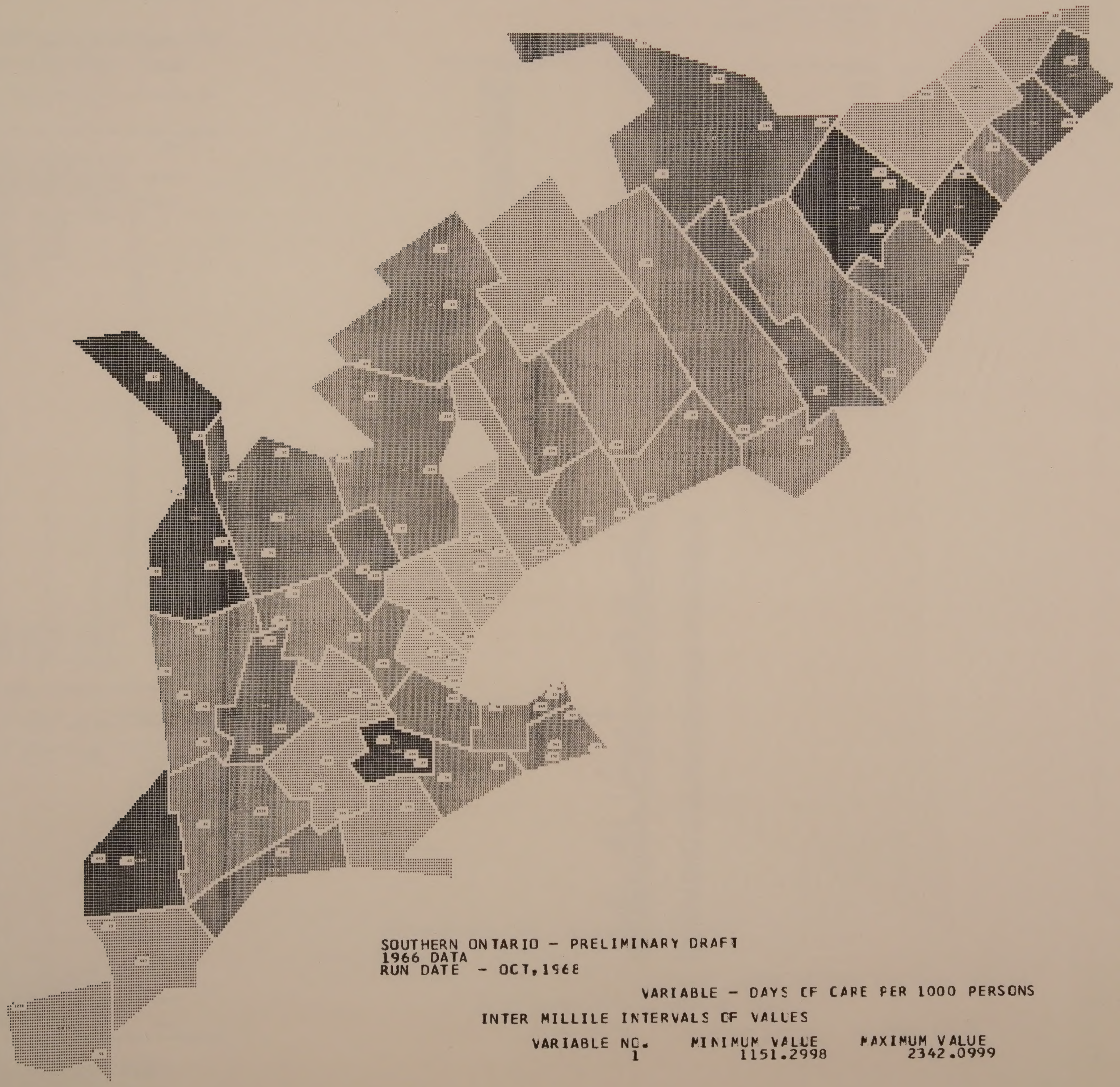
     VALLE RANGE APPLYING TC EACH LEVEL
                 1151.3C0   1369.120   1661.680   1895.780   2084.479
        VAR. 1      TC         TC         TO         TO         TO
                 1369.120   1661.680   1895.780   2084.479   2342.100
```



```
PERCENTAGE DISTRIBLTICN CF TCTAL ABSCLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                 (COLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

     PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1     18.29      24.57      19.66      15.85      21.63
     MAXIMLM MILLILE VALLE APPLYING TC EACH LEVEL
                   C.1CC      C.300      0.700      0.900      1.000

     VALLE RANGE APPLYING TC EACH LEVEL
                 1151.3C0   1369.120   1661.680   1895.780   2084.479
        VAR. 1      TC         TC         TO         TC         TO
                 1369.12C   1661.680   1895.780   2084.479   2342.10C
```



```
SOUTHERN ONTARIO - PRELIMINARY DRAFT
1966 DATA
RUN DATE  - OCT,1968
                    VARIABLE - DAYS OF CARE PER 1000 PERSONS

          INTER MILLILE INTERVALS OF VALUES

               VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                          1        1151.2998        2342.0999
```

16 55 -1
352-68

16 55 -2
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT
1966 DATA
RUN DATE  - OCT,1968

                    VARIABLE - DAYS CF CARE PER 1000 PERSONS

        INTER MILLILE INTERVALS CF VALUES

            VARIABLE NO.     MINIMUM VALUE    MAXIMUM VALUE
                  1              1151.2998         2342.0999

                              RANK CF PCLYGCNS BY VALUE FOR EACH VARIABLE

             POLYGON NAME AND NUMBER                                        POLYGON VALUE
   RANK     VARIABLE 1                                                     VAR 1

    44      ONT13                                                         2342.1C
    43      ONT23                                                         2234.30
    42      ONT03                                                         2220.7C
    41      ONT22                                                         2168.20
    40      ONT02                                                         2101.6C
    39      ONT14                                                         2058.8C
    38      ONT12                                                         2051.8C
    37      ONT45                                                         2022.0C
    36      ONT24                                                         1997.4C
    35      ONT25                                                         1966.3C
    34      ONT37                                                         1952.9C
    33      ONTC9                                                         1950.8C
    32      ONTC6                                                         1913.1C
    31      ONT42                                                         1896.8C
    30      ONT11                                                         1891.7C
    29      ONT19                                                         1850.4C
    28      ONT4C                                                         1811.8C
    27      ONT18                                                         1797.5C
    26      ONT44                                                         1777.3C
    25      ONT52                                                         1773.6C
    24      ONT26                                                         1757.7C
    23      ONT29                                                         1738.9C
    22      ONT53                                                         1709.2C
    21      ONT32                                                         1708.1C
    20      ONTC7                                                         1706.0C
    19      ONT49                                                         1701.9C
    18      ONT51                                                         1695.7C
    17      ONT15                                                         169C.3C
    16      ONT38                                                         1684.3C
    15      ONTC8                                                         1667.8C
    14      ONT28                                                         1665.2C
    13      ONT21                                                         166C.80
    12      ONT16                                                         1639.8C
    11      ONT34                                                         1599.5C
    10      ONT39                                                         1598.3C
     9      ONT1C                                                         1542.4C
     8      ONT5C                                                         1471.7C
     7      ONT33                                                         1417.2C
     6      ONTC4                                                         1399.5C
     5      ONT31                                                         1374.1C
     4      ONT54                                                         1365.8C
     3      ONT36                                                         1361.7C
     2      ONT17                                                         1354.3C
     1      ONT43                                                         1151.3C
```

ONTARIO

ONT01	ALGOMA
ONT02	BRANT
ONT03	BRUCE
ONT04	CARLETON
ONT05	COCHRANE
ONT06	DUFFERIN
ONT07	DUNDAS
ONT08	DURHAM
ONT09	ELGIN
ONT10	ESSEX
ONT11	FRONTENAC
ONT12	GLENGARRY
ONT13	GRENVILLE
ONT14	GREY
ONT15	HALDIMAND
ONT16	HALIBURTON
ONT17	HALTON
ONT18	HASTINGS
ONT19	HURON
ONT20	KENORA
ONT21	KENT
ONT22	LAMBTON
ONT23	LANARK
ONT24	LEEDS
ONT25	LENNOX & ADDINGTON
ONT26	LINCOLN
ONT27	MANITOULIN
ONT28	MIDDLESEX
ONT29	MUSKOKA
ONT30	NIPISSING
ONT31	NORFOLK
ONT32	NORTHUMBERLAND
ONT33	ONTARIO
ONT34	OXFORD
ONT35	PARRY SOUND
ONT36	PEEL
ONT37	PERTH
ONT38	PETERBOROUGH
ONT39	PRESCOTT
ONT40	PRINCE EDWARD
ONT41	RAINY RIVER
ONT42	RENFREW
ONT43	RUSSELL
ONT44	SIMCOE
ONT45	STORMONT
ONT46	SUDBURY
ONT47	THUNDER BAY
ONT48	TIMISKAMING
ONT49	VICTORIA
ONT50	WATERLOO
ONT51	WELLAND
ONT52	WELLINGTON
ONT53	WENTWORTH
ONT54	YORK

```
C   SOUTHERN ONTARIO - PRELIMINARY DRAFT

C   1966 DATA

C   RUN DATE - OCT,1968
                                              VARIABLE - DAYS OF CARE PER 10CC PERSONS


ABSOLUTE VALUE RANGE APPLYING TC EACH LEVEL
         ('MAXIMUM' INCLUDED IN HIGHEST LEVEL CNLY)

     MINIMUM       1151.3C   1365.64   1651.44   1889.60   2080.12
     MAXIMUM       1365.64   1651.44   1889.60   2080.12   2342.10

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TC EACH LEVEL
                    18.CC     24.00     20.00     16.00     22.00

FREQUENCY DISTRIBUTION OF DATA PCINT VALUES IN EACH LEVEL
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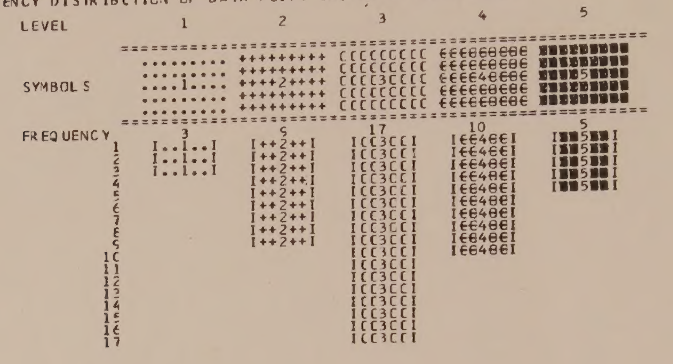

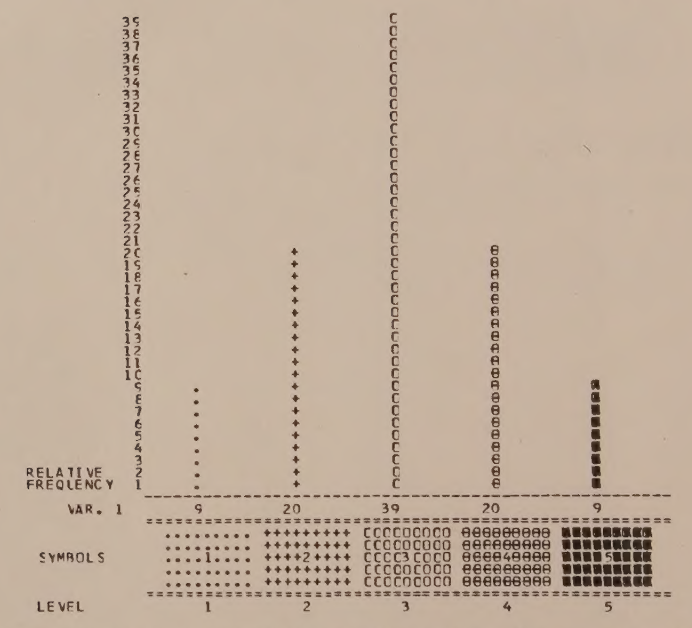

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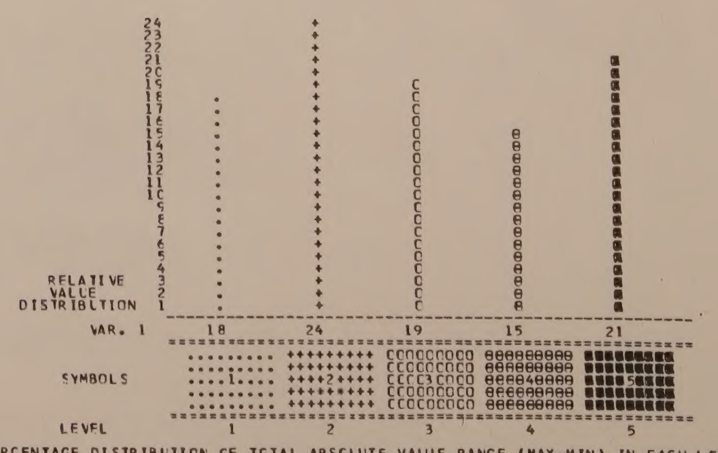
FREQUENCY DISTRIBUTION BY PERCENTAGE CF VALUES IN EACH LEVEL FOR EACH VARIABLE
                    (CCLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
          VAR. 1     18.29     24.57     19.66     15.85     21.63
        MAXIMUM MILLILE VALUE APPLYING TC EACH LEVEL
                     0.100     0.300     0.700     0.900     1.000

        VALUE RANGE APPLYING TC EACH LEVEL
                   1151.300  1369.120  1661.680  1895.780  2084.479
          VAR. 1      TC        TC        TO        TC        TO
                   1369.120  1661.680  1895.780  2084.479  2342.100
```



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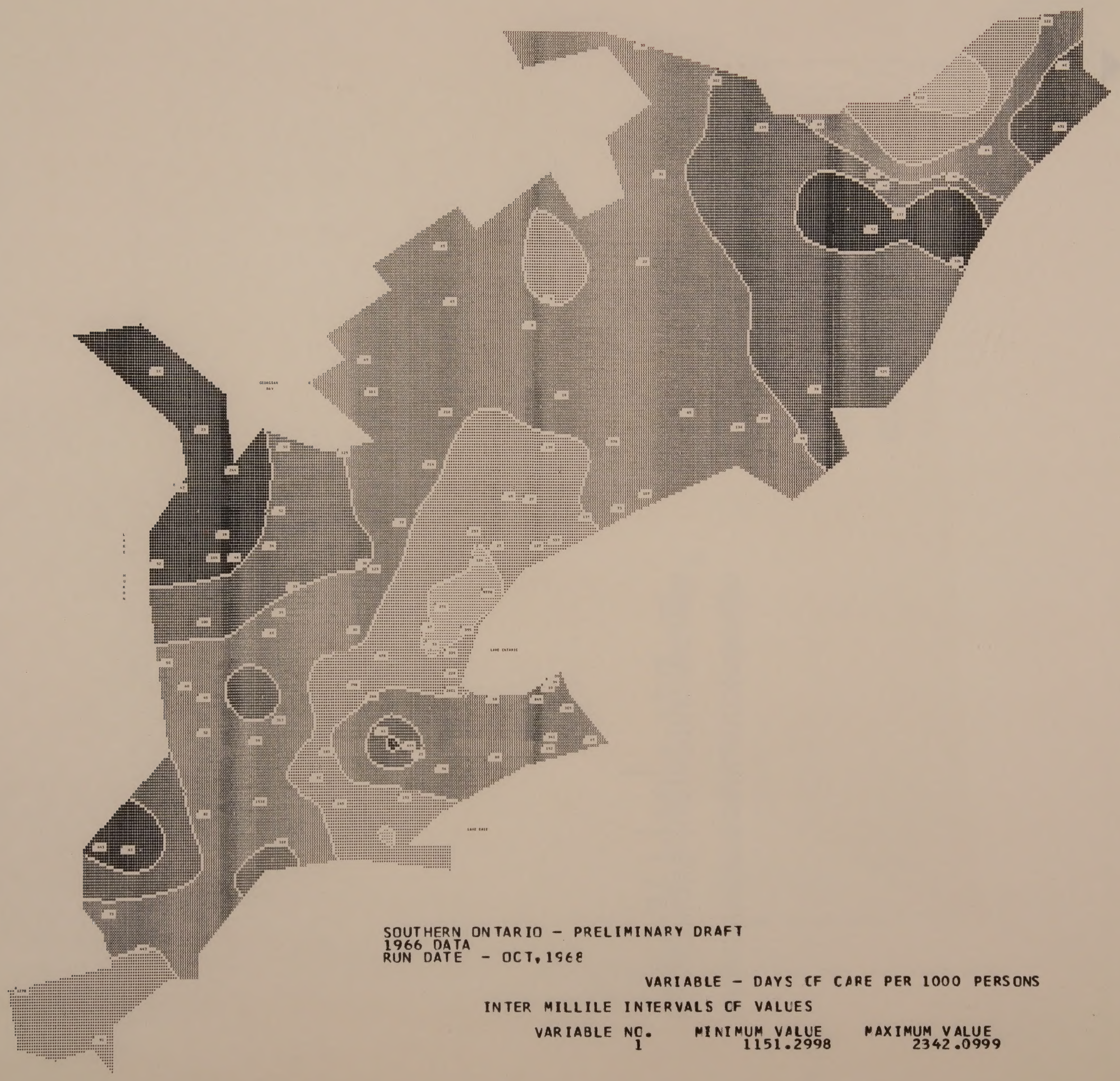
PERCENTAGE DISTRIBUTION CF TCTAL ABSCLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
          VAR. 1     18.29     24.57     19.66     15.85     21.63
        MAXIMUM MILLILE VALUE APPLYING TC EACH LEVEL
                     C.100     0.300     0.700     0.900     1.000

        VALUE RANGE APPLYING TC EACH LEVEL
                   1151.300  1369.120  1661.680  1895.780  2084.479
          VAR. 1      TC        TC        TO        TO        TO
                   1369.120  1661.680  1895.780  2084.479  2342.100
```


GEORGIAN BAY
LAKE ONTARIO
LAKE ERIE

SOUTHERN ONTARIO - PRELIMINARY DRAFT
1966 DATA
RUN DATE - OCT, 1968

VARIABLE - DAYS OF CARE PER 1000 PERSONS

INTER MILLILE INTERVALS OF VALUES

VARIABLE NO.	MINIMUM VALUE	MAXIMUM VALUE
1	1151.2998	2342.0999

16 55 -2
352-68

16 55 -3
352-68

SOUTHERN ONTARIO - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV.1968

VARIABLE - SEPARATIONS PER 1000 POPULATION

INTER MILLILE INTERVALS OF VALUES

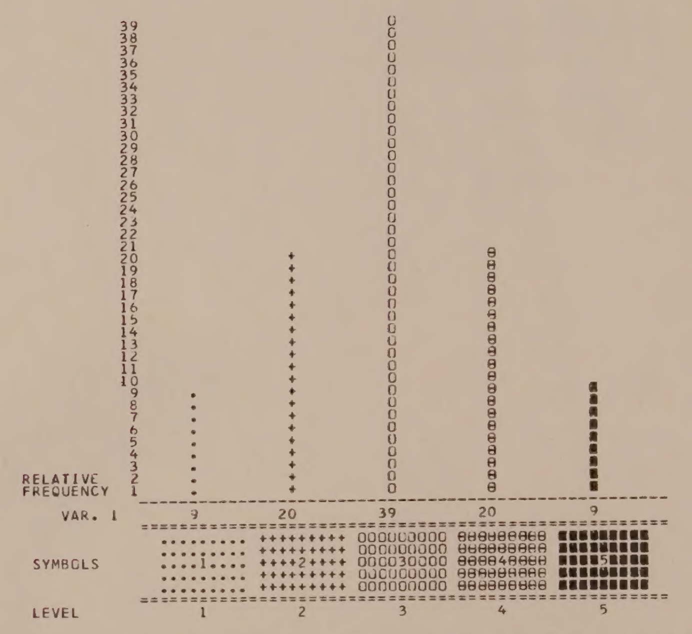
VARIABLE NO.	MINIMUM VALUE	MAXIMUM VALUE
1	111.2900	204.1100

RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

RANK	POLYGON NAME AND NUMBER VARIABLE 1	POLYGON VALUE VAR 1
44	ONT13	204.11
43	ONT22	198.83
42	ONT42	184.41
41	ONT24	181.31
40	ONT03	178.95
39	ONT45	178.89
38	ONT23	178.46
37	ONT14	177.09
36	ONT21	176.13
35	ONT08	175.69
34	ONT02	174.68
33	ONT12	173.04
32	ONT52	172.84
31	ONT11	172.76
30	ONT40	169.57
29	ONT26	168.99
28	ONT51	168.46
27	ONT39	163.69
26	ONT06	163.02
25	ONT44	162.80
24	ONT25	161.42
23	ONT09	159.92
22	ONT37	158.41
21	ONT18	157.15
20	ONT10	156.49
19	ONT34	154.76
18	ONT16	152.55
17	ONT33	151.49
16	ONT19	151.16
15	ONT15	150.89
14	ONT32	147.54
13	ONT53	147.52
12	ONT29	147.52
11	ONT07	146.38
10	ONT50	144.04
9	ONT36	141.67
8	ONT38	141.51
7	ONT17	140.69
6	ONT49	140.34
5	ONT31	139.05
4	ONT28	134.63
3	ONT04	129.92
2	ONT54	123.30
1	ONT43	111.29

ONTARIO

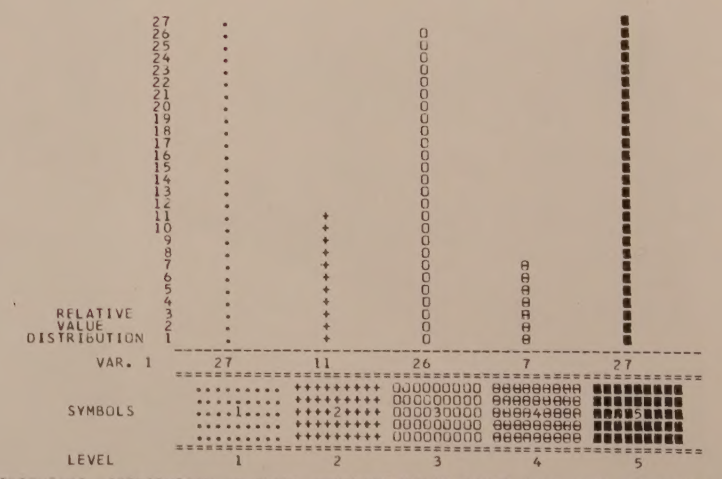
ONT01	ALGOMA
ONT02	BRANT
ONT03	BRUCE
ONT04	CARLETON
ONT05	COCHRANE
ONT06	DUFFERIN
ONT07	DUNDAS
ONT08	DURHAM
ONT09	ELGIN
ONT10	ESSEX
ONT11	FRONTENAC
ONT12	GLENGARRY
ONT13	GRENVILLE
ONT14	GREY
ONT15	HALDIMAND
ONT16	HALIBURTON
ONT17	HALTON
ONT18	HASTINGS
ONT19	HURON
ONT20	KENORA
ONT21	KENT
ONT22	LAMBTON
ONT23	LANARK
ONT24	LEEDS
ONT25	LENNOX & ADDINGTON
ONT26	LINCOLN
ONT27	MANITOULIN
ONT28	MIDDLESEX
ONT29	MUSKOKA
ONT30	NIPISSING
ONT31	NORFOLK
ONT32	NORTHUMBERLAND
ONT33	ONTARIO
ONT34	OXFORD
ONT35	PARRY SOUND
ONT36	PEEL
ONT37	PERTH
ONT38	PETERBOROUGH
ONT39	PRESCOTT
ONT40	PRINCE EDWARD
ONT41	RAINY RIVER
ONT42	RENFREW
ONT43	RUSSELL
ONT44	SIMCOE
ONT45	STORMONT
ONT46	SUDBURY
ONT47	THUNDER BAY
ONT48	TIMISKAMING
ONT49	VICTORIA
ONT50	WATERLOO
ONT51	WELLAND
ONT52	WELLINGTON
ONT53	WENTWORTH
ONT54	YORK



FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
(COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

```
PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
   VAR. 1    27.05      11.99      26.50      7.33      27.13
MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
             0.100      0.300      0.700      0.900     1.000

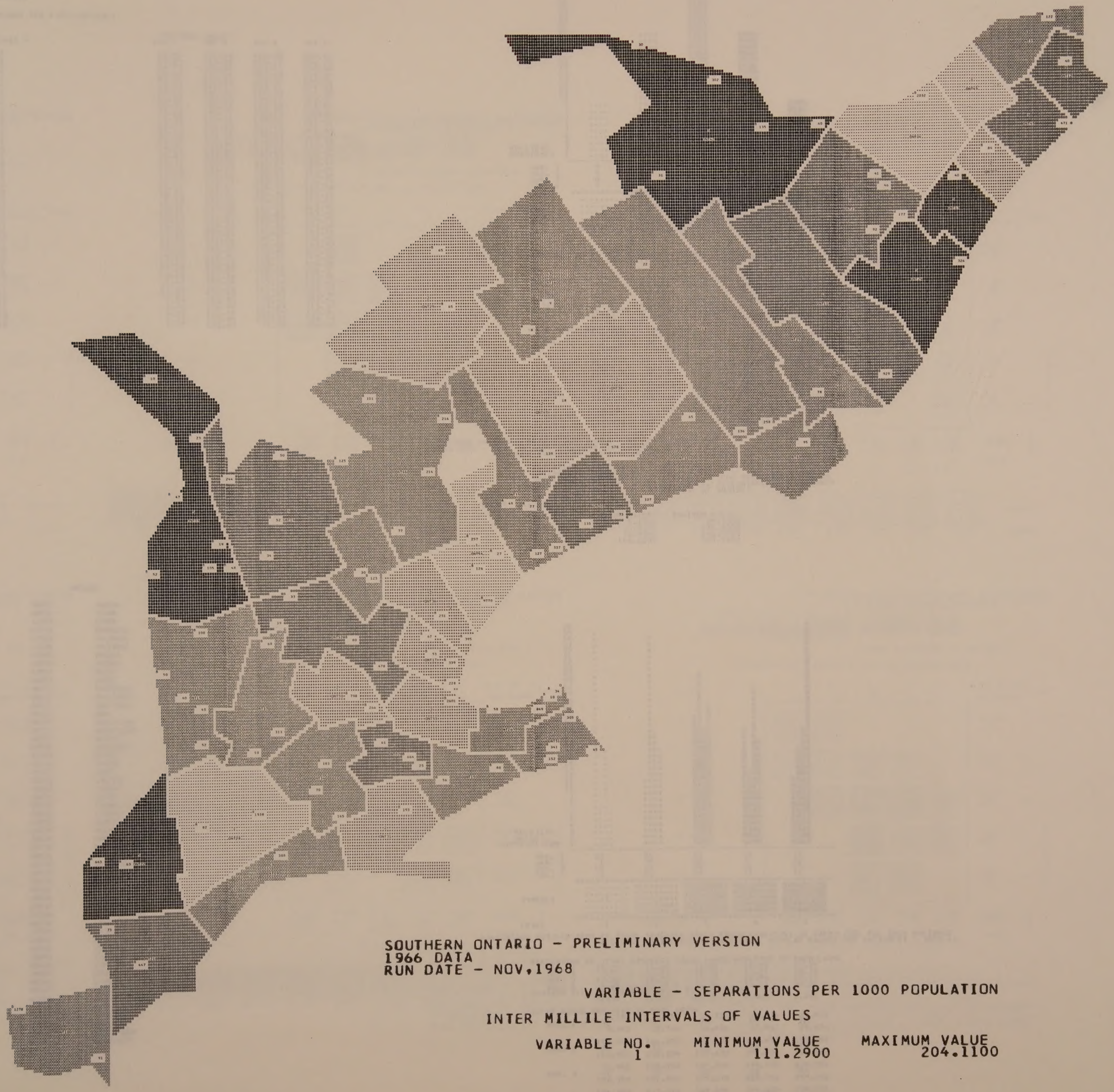
VALUE RANGE APPLYING TO EACH LEVEL
            111.290    136.398    147.524    172.122    178.926
   VAR. 1     TO         TO         TO         TO         TO
            136.398    147.524    172.122    178.926    204.110
```



PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
(COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

```
PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
   VAR. 1    27.05      11.99      26.50      7.33      27.13
MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
             0.100      0.300      0.700      0.900     1.000

VALUE RANGE APPLYING TO EACH LEVEL
            111.290    136.398    147.524    172.122    178.926
   VAR. 1     TO         TO         TO         TO         TO
            136.398    147.524    172.122    178.926    204.110
```



SOUTHERN ONTARIO - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV,1968

VARIABLE - SEPARATIONS PER 1000 POPULATION

INTER MILLILE INTERVALS OF VALUES

VARIABLE NO.	MINIMUM VALUE	MAXIMUM VALUE
1	111.2900	204.1100

16 55 -3
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I     -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                            (NATURE OF INJURY)

       INTER MILLILE INTERVALS OF VALUES

           VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                  1                1.1500           25.8500
                  2              108.8500          206.4400
                  3               76.9500          265.8999
                  4              104.0200          300.1699

                                   RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

           POLYGON NAME AND NUMBER                                                 POLYGON  VALUE
 RANK    VARIABLE 1   VARIABLE 2   VARIABLE 3   VARIABLE 4                        VAR 1     VAR 2     VAR 3     VAR 4

  44     ONT12        ONT24        ONT13        ONT37                             25.85    206.44    265.90    300.17
  43     ONT22        ONT49        ONT42        ONT03                             24.79    201.05    249.69    256.00
  42     ONT39        ONT13        ONT22        ONT23                             24.70    198.47    239.11    239.99
  41     ONT40        ONT45        ONT03        ONT19                             23.64    193.16    232.68    235.88
  40     ONT13        ONT12        ONT40        ONT14                             23.26    192.39    230.92    231.56
  39     ONT24        ONT25        ONT09        ONT06                             22.39    186.57    228.11    225.50
  38     ONT03        ONT23        ONT23        ONT13                             22.11    186.33    210.79    224.38
  37     ONT42        ONT32        ONT24        ONT25                             20.90    185.65    195.19    220.57
  36     ONT19        ONT14        ONT18        ONT09                             20.75    185.41    192.49    218.81
  35     ONT02        ONT02        ONT12        ONT15                             20.68    184.37    189.70    212.41
  34     ONT52        ONT29        ONT14        ONT45                             19.99    183.71    188.60    201.20
  33     ONT53        ONT16        ONT52        ONT02                             19.97    181.12    187.22    196.51
  32     ONT26        ONT07        ONT39        ONT22                             19.18    179.00    186.30    195.80
  31     ONT25        ONT03        ONT02        ONT12                             18.05    178.32    179.63    195.09
  30     ONT38        ONT26        ONT45        ONT18                             17.93    174.88    177.83    192.72
  29     ONT28        ONT09        ONT51        ONT44                             17.66    174.65    175.13    192.23
  28     ONT09        ONT19        ONT06        ONT07                             17.47    173.95    171.49    189.75
  27     ONT37        ONT37        ONT19        ONT42                             17.41    173.73    167.29    185.77
  26     ONT33        ONT28        ONT44        ONT52                             17.08    171.97    165.91    181.84
  25     ONT14        ONT11        ONT21        ONT28                             17.05    170.16    160.40    178.45
  24     ONT11        ONT06        ONT07        ONT11                             16.83    167.75    157.89    174.73
  23     ONT51        ONT22        ONT11        ONT32                             16.64    167.61    156.33    172.79
  22     ONT06        ONT42        ONT08        ONT08                             16.24    163.50    154.84    172.10
  21     ONT04        ONT10        ONT34        ONT24                             16.12    159.08    154.02    171.46
  20     ONT44        ONT44        ONT38        ONT51                             16.06    157.88    153.78    163.90
  19     ONT29        ONT21        ONT32        ONT26                             15.76    157.56    153.61    163.30
  18     ONT15        ONT34        ONT26        ONT10                             15.41    157.12    153.07    153.72
  17     ONT17        ONT31        ONT49        ONT31                             14.47    157.08    151.34    151.64
  16     ONT23        ONT52        ONT28        ONT34                             13.88    154.62    146.26    151.53
  15     ONT31        ONT18        ONT25        ONT29                             13.52    150.20    143.75    151.46
  14     ONT18        ONT53        ONT29        ONT21                             13.38    150.16    142.83    149.90
  13     ONT45        ONT04        ONT37        ONT49                             12.55    150.09    142.46    149.27
  12     ONT21        ONT54        ONT33        ONT38                             12.40    148.76    141.32    145.79
  11     ONT36        ONT38        ONT16        ONT50                             12.30    147.12    140.06    140.20
  10     ONT54        ONT40        ONT10        ONT16                             12.22    147.07    121.68    136.07
   9     ONT50        ONT15        ONT17        ONT40                             12.21    146.34    116.76    135.06
   8     ONT10        ONT51        ONT31        ONT33                             11.43    143.48    115.10    133.49
   7     ONT08        ONT08        ONT53        ONT17                             11.24    142.24    113.08    127.27
   6     ONT34        ONT50        ONT15        ONT36                             10.68    135.88    112.47    123.56
   5     ONT07        ONT33        ONT43        ONT53                              9.99    118.56    109.44    122.54
   4     ONT49        ONT36        ONT50        ONT04                              9.76    114.91    107.63    113.50
   3     ONT43        ONT43        ONT04        ONT39                              8.95    112.94    106.95    110.84
   2     ONT32        ONT39        ONT36        ONT43                              8.75    110.84    103.30    106.78
   1     ONT16        ONT17        ONT54        ONT54                              1.15    108.85     76.95    104.02
```

ONTARIO

ONT01	ALGOMA
ONT02	BRANT
ONT03	BRUCE
ONT04	CARLETON
ONT05	COCHRANE
ONT06	DUFFERIN
ONT07	DUNDAS
ONT08	DURHAM
ONT09	ELGIN
ONT10	ESSEX
ONT11	FRONTENAC
ONT12	GLENGARRY
ONT13	GRENVILLE
ONT14	GREY
ONT15	HALDIMAND
ONT16	HALIBURTON
ONT17	HALTON
ONT18	HASTINGS
ONT19	HURON
ONT20	KENORA
ONT21	KENT
ONT22	LAMBTON
ONT23	LANARK
ONT24	LEEDS
ONT25	LENNOX & ADDINGTON
ONT26	LINCOLN
ONT27	MANITOULIN
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ONT29	MUSKOKA
ONT30	NIPISSING
ONT31	NORFOLK
ONT32	NORTHUMBERLAND
ONT33	ONTARIO
ONT34	OXFORD
ONT35	PARRY SOUND
ONT36	PEEL
ONT37	PERTH
ONT38	PETERBOROUGH
ONT39	PRESCOTT
ONT40	PRINCE EDWARD
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ONT42	RENFREW
ONT43	RUSSELL
ONT44	SIMCOE
ONT45	STORMONT
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ONT47	THUNDER BAY
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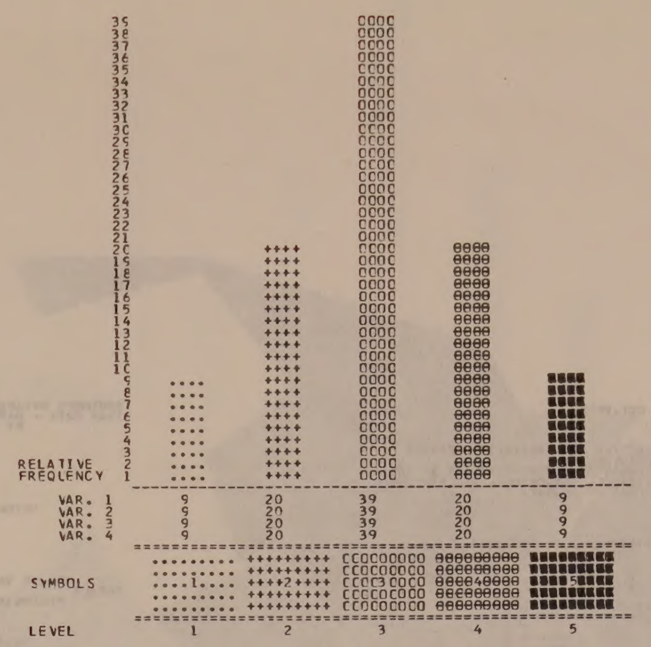
ONT50	WATERLOO
ONT51	WELLAND
ONT52	WELLINGTON
ONT53	WENTWORTH
ONT54	YORK



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FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                      (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 4)

        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
            VAR. 1     35.23      11.60      21.50      19.78      11.89
            VAR. 2      7.71      34.57      28.21      12.74      16.78
            VAR. 3     16.62      18.09      19.44      26.74      19.11
            VAR. 4      6.68      16.46      23.05      17.60      36.21
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                       0.100      0.300      0.700      0.900      1.000

        VALUE RANGE APPLYING TO EACH LEVEL
                       1.150      9.852     12.716     18.026     22.912
            VAR. 1     TO         TO         TO         TO         TO
                       9.852     12.716     18.026     22.912     25.850

                     108.850    116.370    150.104    177.632    190.062
            VAR. 2     TO         TO         TO         TO         TO
                     116.370    150.104    177.632    190.062    206.440

                      76.950    108.354    142.534    179.270    229.796
            VAR. 3     TO         TO         TO         TO         TO
                     108.354    142.534    179.270    229.796    265.900

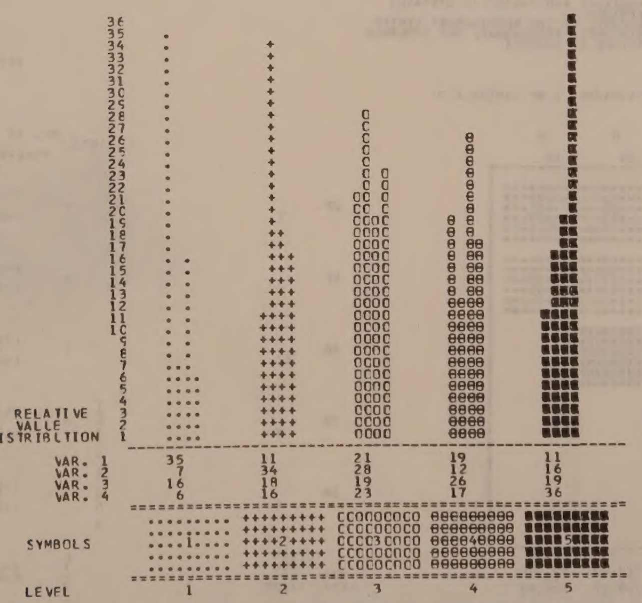
                     104.020    117.116    149.396    194.616    229.136
            VAR. 4     TO         TO         TO         TO         TO
                     117.116    149.396    194.616    229.136    300.170
```

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I     -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                            (NATURE OF INJURY)

       INTER MILLILE INTERVALS OF VALUES

           VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                  1                1.1500           25.8500
                  2              108.8500          206.4400
                  3               76.9500          265.8999
                  4              104.0200          300.1699
```



```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                      (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 4)
```

```
        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
            VAR. 1     35.23      11.60      21.50      19.78      11.89
            VAR. 2      7.71      34.57      28.21      12.74      16.78
            VAR. 3     16.62      18.09      19.44      26.74      19.11
            VAR. 4      6.68      16.46      23.05      17.60      36.21
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                       0.100      0.300      0.700      0.900      1.000

        VALUE RANGE APPLYING TO EACH LEVEL
                       1.150      9.852     12.716     18.026     22.912
            VAR. 1     TO         TO         TO         TO         TO
                       9.852     12.716     18.026     22.912     25.850

                     108.850    116.370    150.104    177.632    190.062
            VAR. 2     TO         TO         TO         TO         TO
                     116.370    150.104    177.632    190.062    206.440

                      76.950    108.354    142.534    179.270    229.796
            VAR. 3     TO         TO         TO         TO         TO
                     108.354    142.534    179.270    229.796    265.900

                     104.020    117.116    149.396    194.616    229.136
            VAR. 4     TO         TO         TO         TO         TO
                     117.116    149.396    194.616    229.136    300.170

SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I     -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                            (NATURE OF INJURY)

       INTER MILLILE INTERVALS OF VALUES

           VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                  1                1.1500           25.8500
                  2              108.8500          206.4400
                  3               76.9500          265.8999
                  4              104.0200          300.1699
```

16 55 -4
352-68

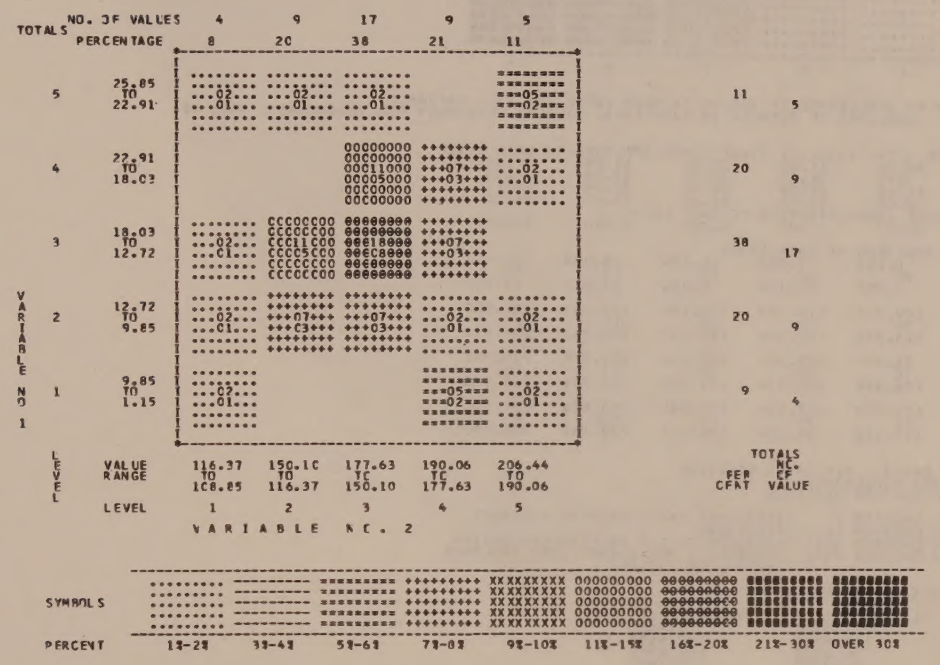
16 55 -4
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 2
```



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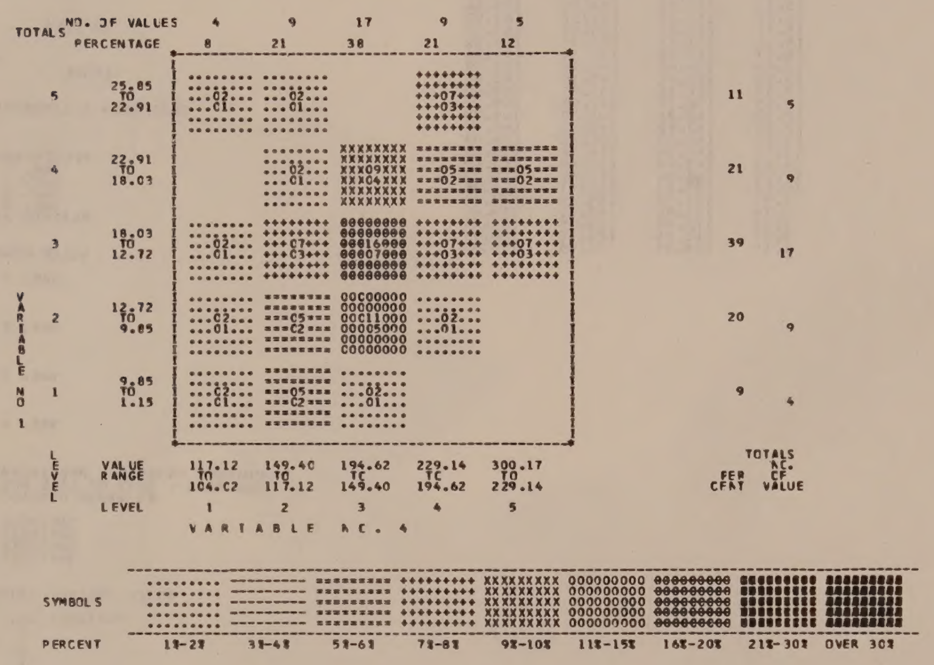
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 4
```



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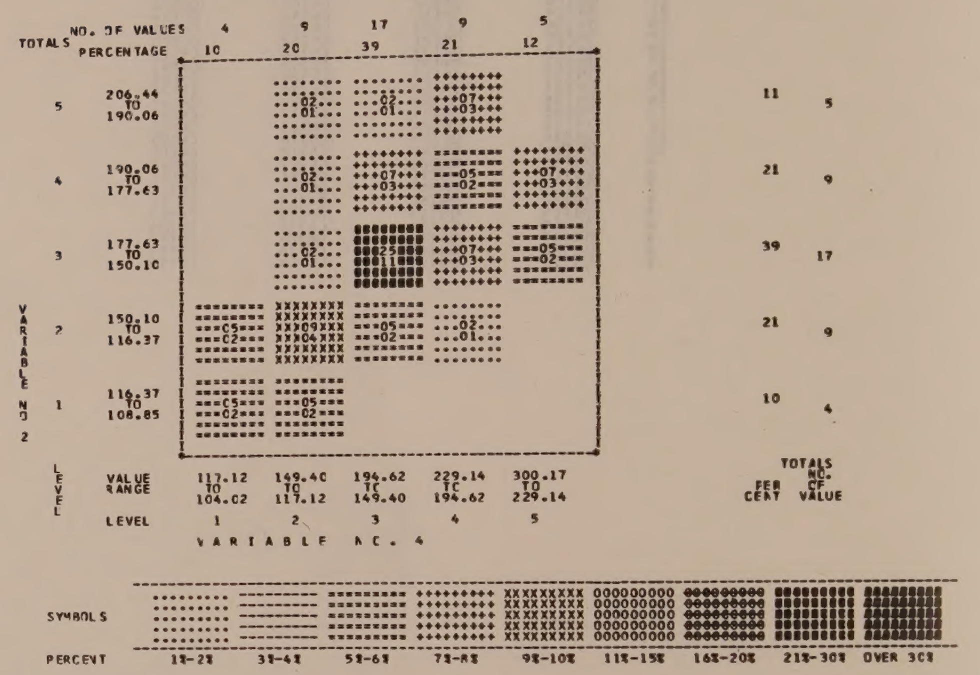
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 4
```



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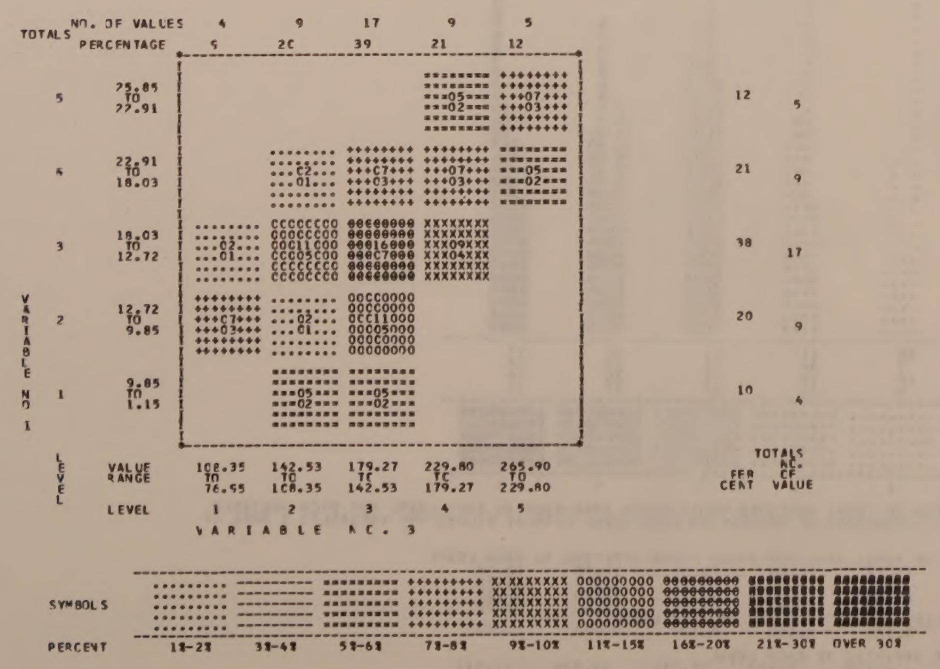
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 3
```



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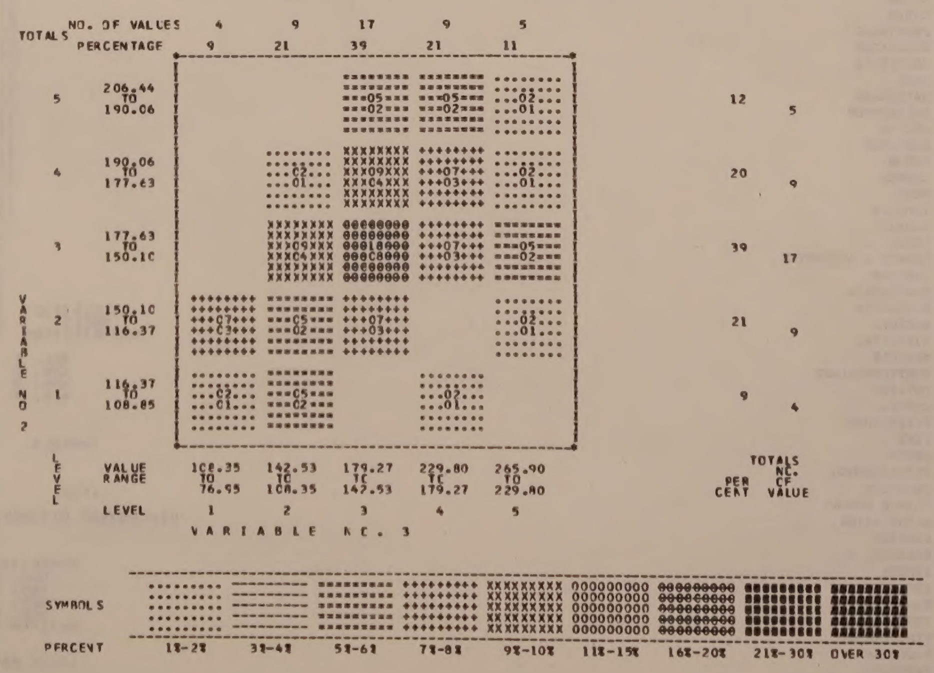
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 3
```



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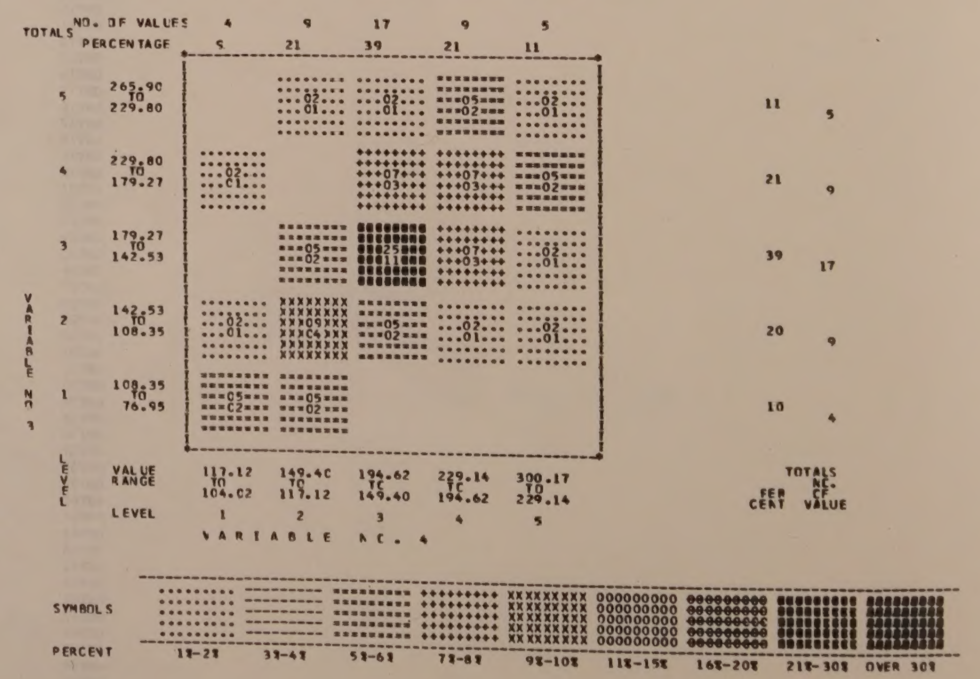
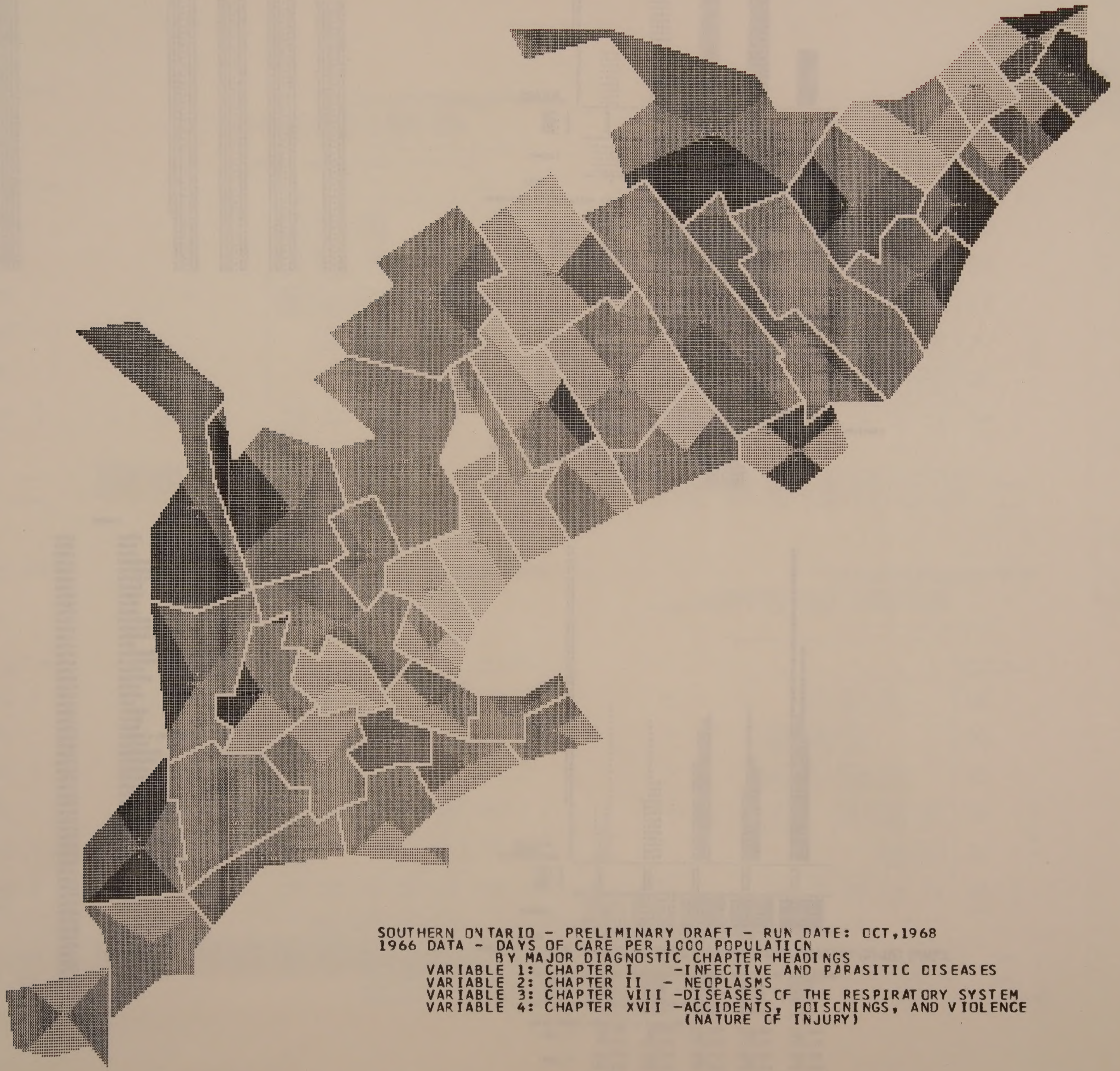
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
         BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

                 VARIABLE 1: CHAPTER I    -INFECTIVE AND PARASITIC DISEASES
                 VARIABLE 2: CHAPTER II   - NEOPLASMS
                 VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
                 VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
                                           (NATURE OF INJURY)

        INTER MILLILE INTERVALS OF VALUES

                CROSS TABULATION BY LEVELS OF VARIABLE 3 BY VARIABLE 4
```





SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS
VARIABLE 1: CHAPTER I -INFECTIVE AND PARASITIC DISEASES
VARIABLE 2: CHAPTER II - NEOPLASMS
VARIABLE 3: CHAPTER VIII -DISEASES OF THE RESPIRATORY SYSTEM
VARIABLE 4: CHAPTER XVII -ACCIDENTS, POISONINGS, AND VIOLENCE
(NATURE OF INJURY)

16 55 -4
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

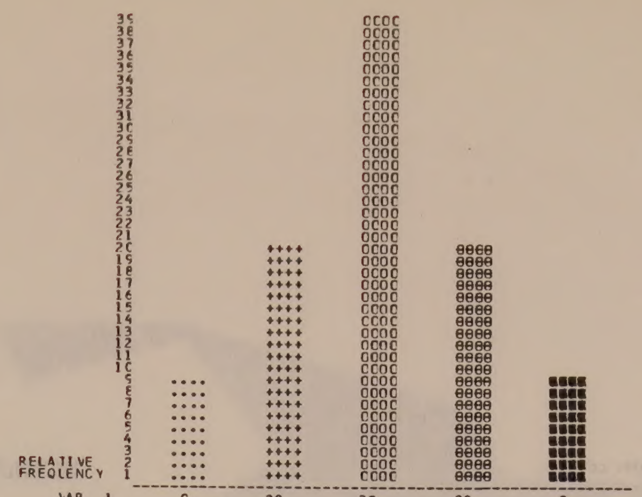
              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX  - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                       AND SENSE ORGANS

      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1           62.2000          286.5698
                    2          161.9400          440.5498
                    3          154.4500          342.4399
                    4           39.8900          152.7100
```

RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

RANK	POLYGON NAME AND NUMBER VARIABLE 1	VARIABLE 2	VARIABLE 3	VARIABLE 4	POLYGON VALUE VAR 1	VAR 2	VAR 3	VAR 4
44	ONT03	ONT23	ONT12	ONT13	286.57	440.55	342.44	152.71
43	ONT23	ONT13	ONT13	ONT02	186.98	402.36	331.29	144.18
42	ONT14	ONT02	ONT39	ONT12	182.62	385.07	317.06	133.93
41	ONT19	ONT14	ONT45	ONT45	178.86	383.88	300.64	133.74
40	ONT49	ONT03	ONT25	ONT23	173.98	383.12	280.93	130.17
39	ONT22	ONT29	ONT11	ONT11	168.61	358.21	266.21	129.51
38	ONT37	ONT22	ONT14	ONT24	166.90	342.61	263.40	127.14
37	ONT13	ONT24	ONT22	ONT25	165.69	336.63	262.64	123.95
36	ONT40	ONT07	ONT42	ONT22	165.04	325.65	259.91	119.58
35	ONT06	ONT38	ONT23	ONT37	159.63	323.13	258.42	119.57
34	ONT05	ONT09	ONT02	ONT16	157.13	322.73	256.23	118.94
33	ONT02	ONT19	ONT24	ONT18	151.52	318.33	252.77	115.72
32	ONT18	ONT06	ONT40	ONT32	147.92	311.78	244.42	115.39
31	ONT25	ONT12	ONT37	ONT14	144.39	306.41	242.83	113.12
30	ONT21	ONT32	ONT18	ONT15	140.77	290.20	241.71	109.74
29	ONT44	ONT08	ONT09	ONT49	134.82	286.06	238.63	108.61
28	ONT45	ONT51	ONT08	ONT29	132.88	285.50	235.11	108.43
27	ONT15	ONT37	ONT52	ONT03	131.48	283.00	229.58	107.35
26	ONT28	ONT44	ONT51	ONT26	129.61	282.92	228.34	104.79
25	ONT08	ONT16	ONT16	ONT38	128.48	281.92	225.02	103.13
24	ONT32	ONT26	ONT26	ONT44	122.73	280.50	222.36	102.75
23	ONT42	ONT25	ONT03	ONT34	120.84	278.74	221.04	102.40
22	ONT11	ONT42	ONT44	ONT19	120.01	276.45	214.97	97.31
21	ONT24	ONT40	ONT34	ONT09	119.53	270.03	214.58	93.87
20	ONT12	ONT45	ONT38	ONT08	118.86	267.63	211.54	93.51
19	ONT52	ONT49	ONT07	ONT51	114.82	264.87	209.34	92.42
18	ONT07	ONT15	ONT49	ONT52	112.88	262.34	205.51	89.63
17	ONT10	ONT52	ONT21	ONT42	111.61	257.63	203.52	89.48
16	ONT26	ONT18	ONT29	ONT28	111.02	252.02	201.36	89.33
15	ONT38	ONT11	ONT06	ONT06	108.87	248.89	201.36	85.57
14	ONT51	ONT34	ONT28	ONT40	107.18	246.94	200.78	84.99
13	ONT29	ONT21	ONT32	ONT36	106.36	242.95	197.35	84.85
12	ONT34	ONT10	ONT15	ONT10	106.20	230.59	197.10	82.72
11	ONT50	ONT28	ONT10	ONT33	103.96	224.22	192.72	81.49
10	ONT53	ONT53	ONT36	ONT17	102.73	212.39	190.46	81.02
9	ONT04	ONT33	ONT53	ONT21	97.10	208.96	190.19	80.20
8	ONT31	ONT50	ONT19	ONT53	92.33	206.83	188.01	79.07
7	ONT33	ONT04	ONT50	ONT07	89.71	198.54	188.00	77.16
6	ONT16	ONT31	ONT04	ONT54	89.34	193.20	177.01	76.41
5	ONT39	ONT54	ONT31	ONT50	86.20	179.53	173.77	70.26
4	ONT54	ONT39	ONT33	ONT31	82.67	178.93	173.33	69.35
3	ONT17	ONT43	ONT17	ONT04	79.81	163.73	170.71	67.40
2	ONT36	ONT17	ONT54	ONT39	63.57	163.71	165.62	59.91
1	ONT43	ONT36	ONT43	ONT43	62.20	161.94	154.45	39.89



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         VAR. 1      9        20       39       20        9
         VAR. 2      9        20       39       20        9
         VAR. 3      9        20       39       20        9
         VAR. 4      9        20       39       20        9
                 ====================================================
                 .........  +++++++++ C000000C0 888888888 █████████
                 .........  +++++++++ C0C0C0C00 888888888 █████████
       SYMBOLS   ....1....  ++++2++++ C0C03C0C0 888848888 ████5████
                 .........  +++++++++ C0C0C0C00 888888888 █████████
                 .........  +++++++++ C0C0C0C00 888888888 █████████
                 ====================================================
       LEVEL         1         2         3         4         5

FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
               (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 4)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1      9.75     10.00     16.55     12.55     51.14
         VAR. 2      6.18     23.18     21.33     25.12     24.19
         VAR. 3     10.14     13.05     23.71     17.25     35.85
         VAR. 4     26.44     13.44     24.43     15.48     20.21
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                    0.100     0.300     0.700     0.900     1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   62.200    84.082   106.524   143.666   171.832
         VAR. 1      TO        TO        TO        TO        TO
                   84.082   106.524   143.666   171.832   286.570

                  161.940   179.170   243.748   303.167   373.156
         VAR. 2      TO        TO        TO        TO        TO
                  179.170   243.748   303.167   373.156   440.550

                  154.450   173.506   198.036   242.606   275.042
         VAR. 3      TO        TO        TO        TO        TO
                  173.506   198.036   242.606   275.042   342.440

                   39.890    69.714    84.878   112.444   129.906
         VAR. 4      TO        TO        TO        TO        TO
                   69.714    84.878   112.444   129.906   152.710
```

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

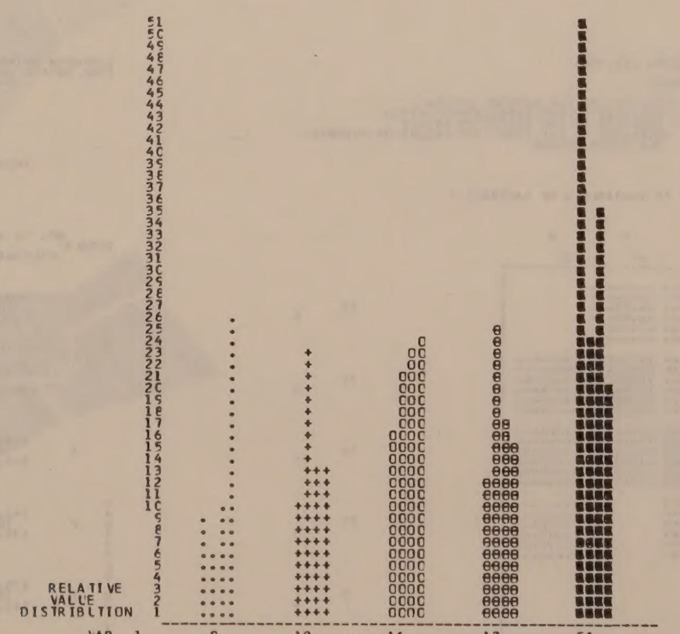
              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX  - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                       AND SENSE ORGANS

      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1           62.2000          286.5698
                    2          161.9400          440.5498
                    3          154.4500          342.4399
                    4           39.8900          152.7100
```

ONTARIO

ONT01	ALGOMA
ONT02	BRANT
ONT03	BRUCE
ONT04	CARLETON
ONT05	COCHRANE
ONT06	DUFFERIN
ONT07	DUNDAS
ONT08	DURHAM
ONT09	ELGIN
ONT10	ESSEX
ONT11	FRONTENAC
ONT12	GLENGARRY
ONT13	GRENVILLE
ONT14	GREY
ONT15	HALDIMAND
ONT16	HALIBURTON
ONT17	HALTON
ONT18	HASTINGS
ONT19	HURON
ONT20	KENORA
ONT21	KENT
ONT22	LAMBTON
ONT23	LANARK
ONT24	LEEDS
ONT25	LENNOX & ADDINGTON
ONT26	LINCOLN
ONT27	MANITOULIN
ONT28	MIDDLESEX
ONT29	MUSKOKA
ONT30	NIPISSING
ONT31	NORFOLK
ONT32	NORTHUMBERLAND
ONT33	ONTARIO
ONT34	OXFORD
ONT35	PARRY SOUND
ONT36	PEEL
ONT37	PERTH
ONT38	PETERBOROUGH
ONT39	PRESCOTT
ONT40	PRINCE EDWARD
ONT41	RAINY RIVER
ONT42	RENFREW
ONT43	RUSSELL
ONT44	SIMCOE
ONT45	STORMONT
ONT46	SUDBURY
ONT47	THUNDER BAY
ONT48	TIMASKAMING
ONT49	VICTORIA
ONT50	WATERLOO
ONT51	WELLAND
ONT52	WELLINGTON
ONT53	WENTWORTH
ONT54	YORK



```
         VAR. 1      9        10       16       12       51
         VAR. 2      6        23       21       25       24
         VAR. 3     10        13       23       17       35
         VAR. 4     26        13       24       15       20
                 ====================================================
                 .........  +++++++++ C000000C0 888888888 █████████
                 .........  +++++++++ C0C0C0C0C0 888888888 █████████
       SYMBOLS   ....1....  ++++2++++ C0C03C0C0 888848888 ████5████
                 .........  +++++++++ C0C0C0C00 888888888 █████████
                 .........  +++++++++ C0C0C0C00 888888888 █████████
                 ====================================================
       LEVEL         1         2         3         4         5
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
               (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 4)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1      9.75     10.00     16.55     12.55     51.14
         VAR. 2      6.18     23.18     21.33     25.12     24.19
         VAR. 3     10.14     13.05     23.71     17.25     35.85
         VAR. 4     26.44     13.44     24.43     15.48     20.21
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                    0.100     0.300     0.700     0.900     1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   62.200    84.082   106.524   143.666   171.832
         VAR. 1      TO        TO        TO        TO        TO
                   84.082   106.524   143.666   171.832   286.570

                  161.940   179.170   243.748   303.167   373.156
         VAR. 2      TO        TO        TO        TO        TO
                  179.170   243.748   303.167   373.156   440.550

                  154.450   173.506   198.036   242.606   275.042
         VAR. 3      TO        TO        TO        TO        TO
                  173.506   198.036   242.606   275.042   342.440

                   39.890    69.714    84.878   112.444   129.906
         VAR. 4      TO        TO        TO        TO        TO
                   69.714    84.878   112.444   129.906   152.710
```

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX  - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                       AND SENSE ORGANS

      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1           62.2000          286.5698
                    2          161.9400          440.5498
                    3          154.4500          342.4399
                    4           39.8900          152.7100
```

16 55 -5
352-68

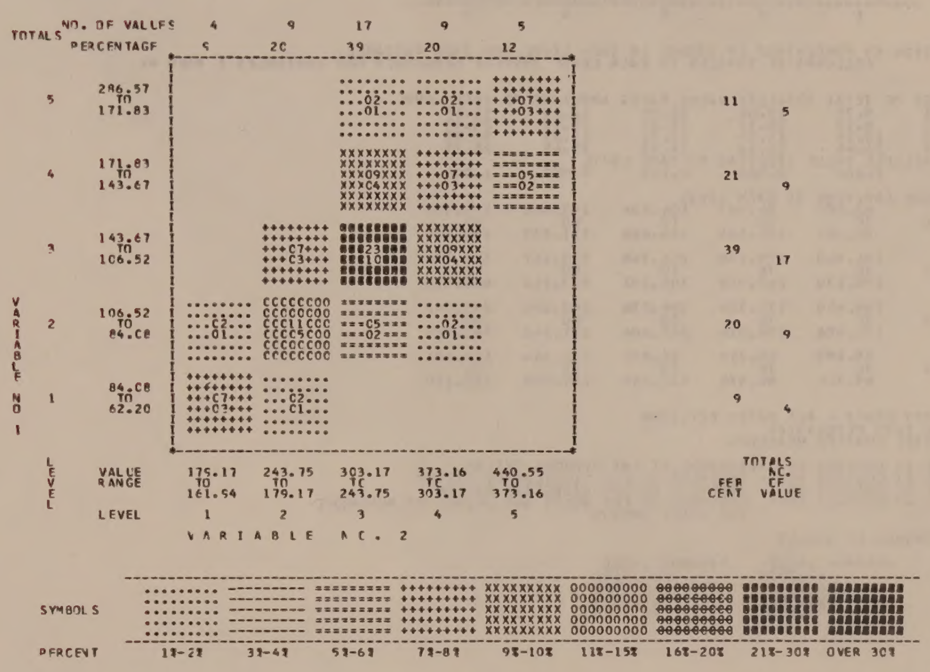
16 55 -5
352-68

```
SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
            BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 2
```



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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
            BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 4
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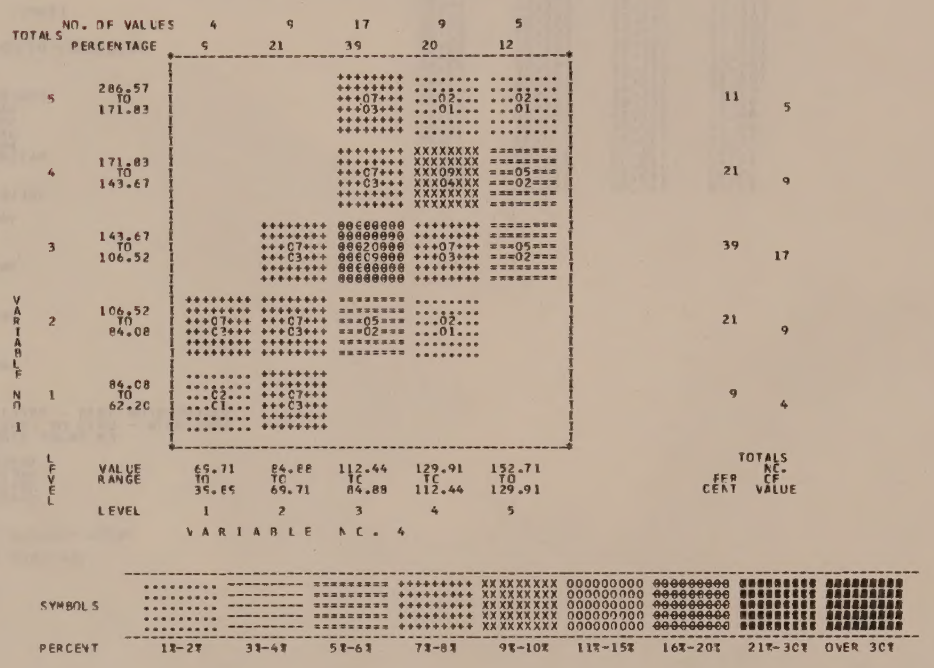

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
            BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 4
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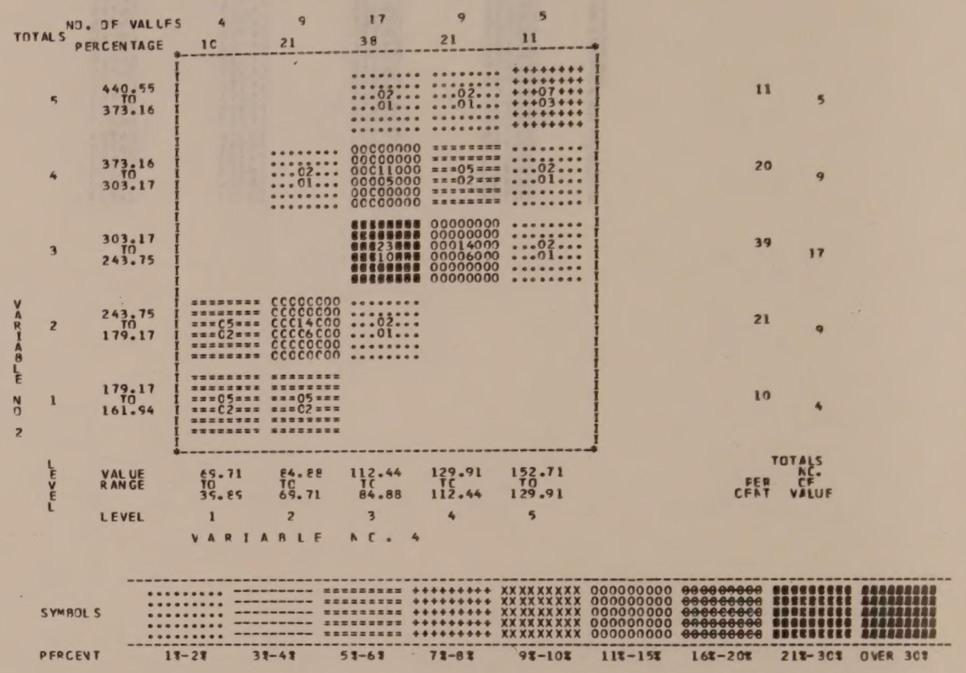

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
            BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 3
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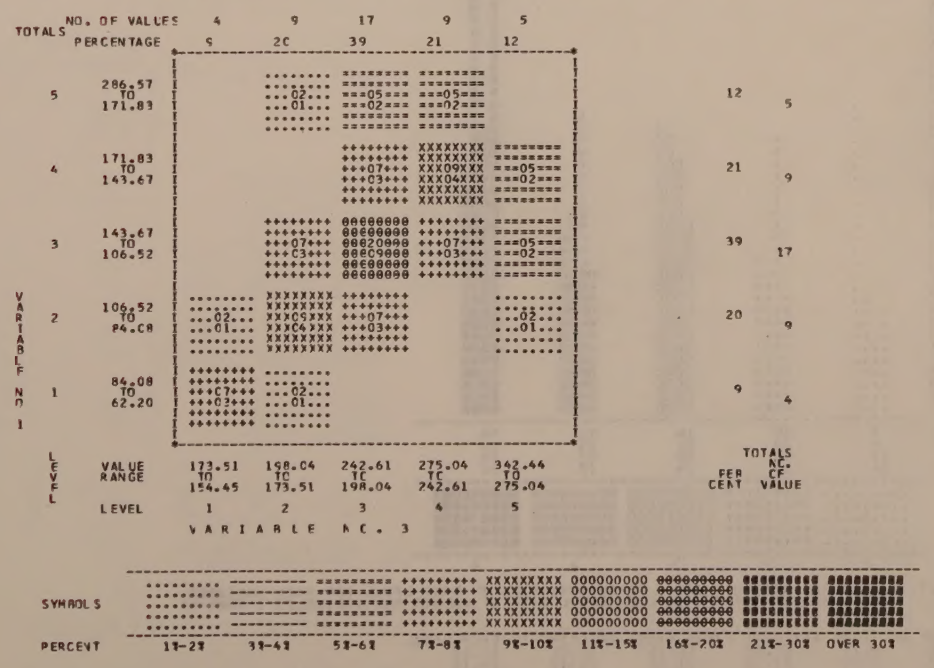

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
            BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 3
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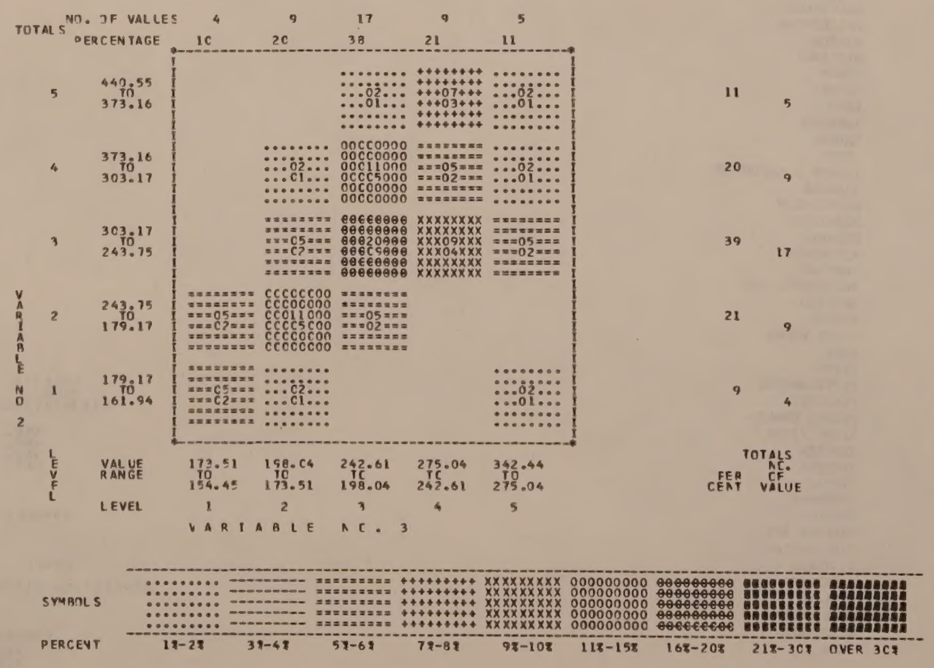

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1966 DATA - DAYS OF CARE PER 1000 POPULATION
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              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS

        INTER MILLILE INTERVALS OF VALUES

              CROSS TABULATION BY LEVELS OF VARIABLE 3 BY VARIABLE 4
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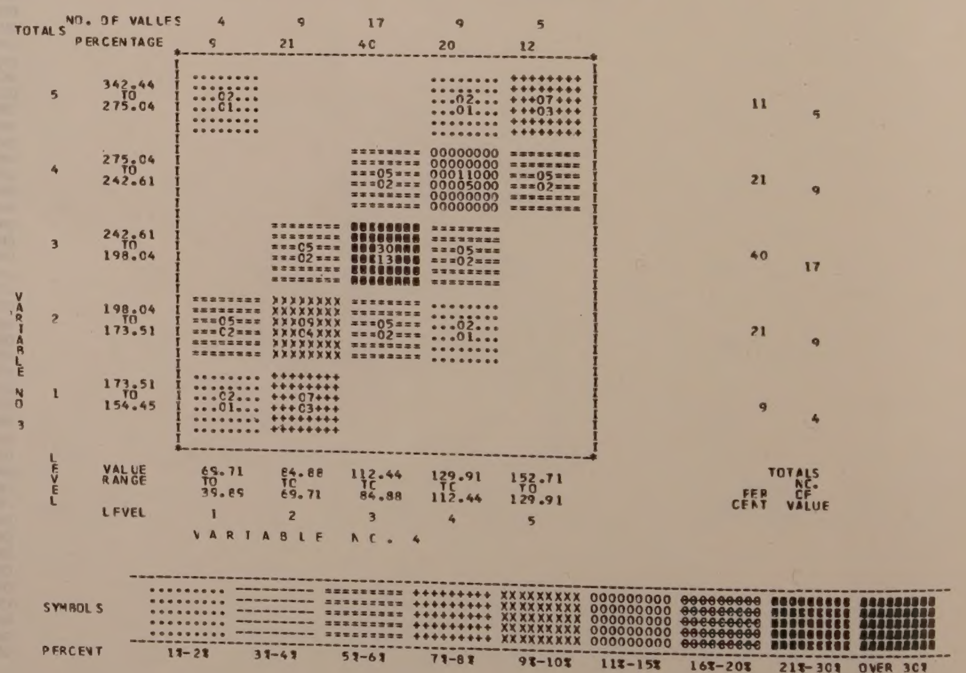

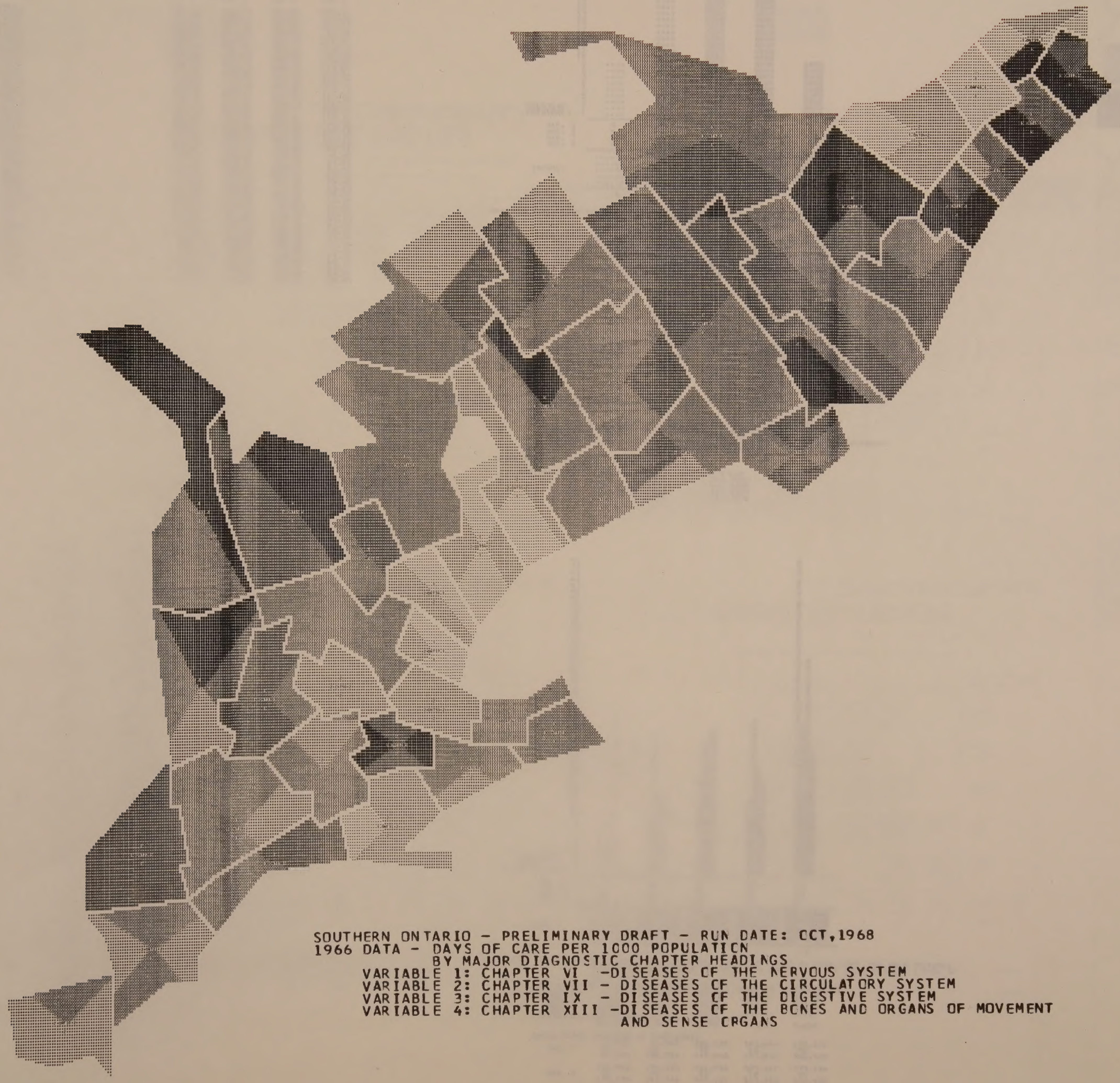

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1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS
VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
AND SENSE ORGANS

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352-68

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS
      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1            62.2000          286.5698
                    2           161.9400          440.5498
                    3           154.4500          342.4399
                    4            39.8900          152.7100

                             RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

              POLYGON NAME AND NUMBER                                        POLYGON  VALUE
 RANK     VARIABLE 1   VARIABLE 2   VARIABLE 3   VARIABLE 4              VAR 1     VAR 2     VAR 3     VAR 4

  44      ONT03        ONT23        ONT12        ONT13                  286.57    440.55    342.44    152.71
  43      ONT23        ONT13        ONT13        ONT02                  186.98    402.36    331.29    144.18
  42      ONT14        ONT02        ONT39        ONT12                  182.62    385.07    317.06    133.93
  41      ONT19        ONT14        ONT45        ONT45                  178.86    383.88    300.64    133.74
  40      ONT49        ONT03        ONT25        ONT23                  173.98    383.12    280.93    130.17
  39      ONT22        ONT29        ONT11        ONT11                  168.61    358.21    266.21    129.51
  38      ONT37        ONT22        ONT14        ONT24                  166.90    342.61    263.40    127.14
  37      ONT13        ONT24        ONT22        ONT25                  165.69    336.63    262.64    123.95
  36      ONT40        ONT07        ONT42        ONT22                  165.04    329.65    259.91    119.58
  35      ONT06        ONT38        ONT23        ONT37                  159.63    323.13    258.42    119.57
  34      ONT05        ONT09        ONT02        ONT16                  157.13    322.73    256.23    118.94
  33      ONT02        ONT19        ONT24        ONT18                  151.52    318.33    252.77    115.72
  32      ONT18        ONT06        ONT40        ONT32                  147.92    311.78    244.42    115.39
  31      ONT25        ONT12        ONT37        ONT14                  144.39    306.41    242.83    113.12
  30      ONT21        ONT32        ONT18        ONT15                  140.77    290.20    241.71    109.74
  29      ONT44        ONT08        ONT09        ONT49                  134.82    286.06    238.63    108.61
  28      ONT45        ONT51        ONT08        ONT29                  132.88    285.50    235.11    108.43
  27      ONT15        ONT37        ONT52        ONT03                  131.48    283.00    229.58    107.35
  26      ONT28        ONT44        ONT51        ONT26                  129.61    282.92    228.34    104.79
  25      ONT08        ONT16        ONT16        ONT38                  128.48    281.92    225.02    103.13
  24      ONT32        ONT26        ONT26        ONT44                  122.73    280.50    222.36    102.75
  23      ONT42        ONT25        ONT03        ONT34                  120.84    278.74    221.04    102.40
  22      ONT11        ONT42        ONT44        ONT19                  120.01    276.45    214.97     97.31
  21      ONT24        ONT40        ONT34        ONT09                  119.53    270.03    214.58     93.87
  20      ONT12        ONT45        ONT38        ONT08                  118.86    267.63    211.54     93.51
  19      ONT52        ONT49        ONT07        ONT51                  114.82    264.87    209.34     92.42
  18      ONT07        ONT15        ONT49        ONT52                  112.88    262.34    205.51     89.63
  17      ONT10        ONT52        ONT21        ONT42                  111.61    257.63    203.52     89.48
  16      ONT26        ONT18        ONT29        ONT28                  111.02    252.02    201.36     89.33
  15      ONT38        ONT11        ONT06        ONT06                  108.87    248.89    201.36     85.57
  14      ONT51        ONT34        ONT28        ONT40                  107.18    246.94    200.78     84.99
  13      ONT29        ONT21        ONT32        ONT36                  106.36    242.95    197.35     84.85
  12      ONT34        ONT10        ONT15        ONT10                  106.20    230.59    197.10     82.72
  11      ONT50        ONT28        ONT10        ONT33                  103.96    224.22    192.72     81.49
  10      ONT53        ONT53        ONT36        ONT17                  102.73    212.39    190.46     81.02
   9      ONT04        ONT33        ONT53        ONT21                   97.10    208.96    190.19     80.20
   8      ONT31        ONT50        ONT19        ONT53                   92.33    206.83    188.01     79.07
   7      ONT33        ONT04        ONT50        ONT07                   89.71    198.54    188.00     77.16
   6      ONT16        ONT31        ONT04        ONT54                   89.34    193.20    177.01     76.41
   5      ONT35        ONT54        ONT31        ONT50                   86.20    179.53    173.77     70.26
   4      ONT54        ONT39        ONT33        ONT31                   82.67    178.93    173.33     69.35
   3      ONT17        ONT43        ONT17        ONT04                   79.81    163.73    170.71     67.40
   2      ONT36        ONT17        ONT54        ONT39                   63.57    163.71    165.62     59.91
   1      ONT43        ONT36        ONT43        ONT43                   62.20    161.94    154.45     39.89
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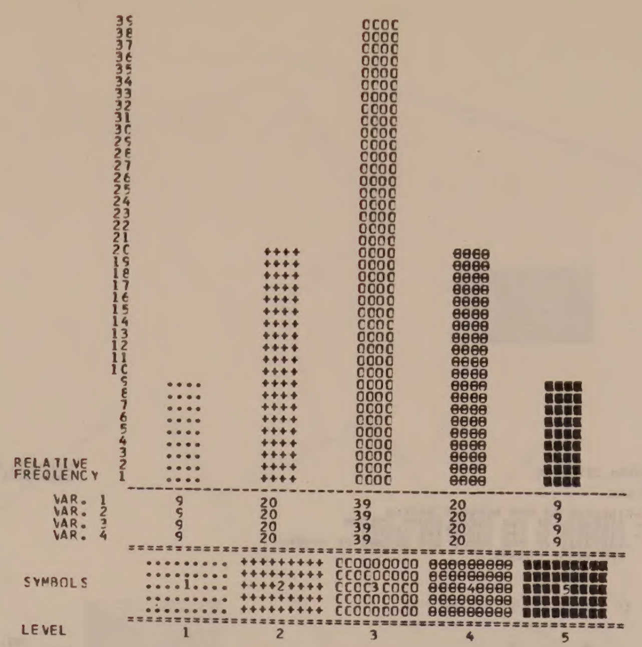

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FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 4)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     9.75       10.00       16.55       12.55       51.14
         VAR. 2     6.18       23.18       21.33       25.12       24.19
         VAR. 3    10.14       13.05       23.71       17.25       35.85
         VAR. 4    26.44       13.44       24.43       15.48       20.21
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                    0.100       0.300       0.700       0.900       1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   62.200      84.082     106.524     143.666     171.832
         VAR. 1     TO          TO          TO          TO          TO
                   84.082     106.524     143.666     171.832     286.570

                  161.940     179.170     243.748     303.167     373.156
         VAR. 2     TO          TO          TO          TO          TO
                  179.170     243.748     303.167     373.156     440.550

                  154.450     173.506     198.036     242.606     275.042
         VAR. 3     TO          TO          TO          TO          TO
                  173.506     198.036     242.606     275.042     342.440

                   39.890      69.714      84.878     112.444     129.906
         VAR. 4     TO          TO          TO          TO          TO
                   69.714      84.878     112.444     129.906     152.710
```

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS
      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1            62.2000          286.5698
                    2           161.9400          440.5498
                    3           154.4500          342.4399
                    4            39.8900          152.7100
```

```
                 ONTARIO

     ONT01              ALGOMA
     ONT02              BRANT
     ONT03              BRUCE
     ONT04              CARLETON
     ONT05              COCHRANE
     ONT06              DUFFERIN
     ONT07              DUNDAS
     ONT08              DURHAM
     ONT09              ELGIN
     ONT10              ESSEX
     ONT11              FRONTENAC
     ONT12              GLENGARRY
     ONT13              GRENVILLE
     ONT14              GREY
     ONT15              HALDIMAND
     ONT16              HALIBURTON
     ONT17              HALTON
     ONT18              HASTINGS
     ONT19              HURON
     ONT20              KENORA
     ONT21              KENT
     ONT22              LAMBTON
     ONT23              LANARK
     ONT24              LEEDS
     ONT25              LENNOX & ADDINGTON
     ONT26              LINCOLN
     ONT27              MANITOULIN
     ONT28              MIDDLESEX
     ONT29              MUSKOKA
     ONT30              NIPISSING
     ONT31              NORFOLK
     ONT32              NORTHUMBERLAND
     ONT33              ONTARIO
     ONT34              OXFORD
     ONT35              PARRY SOUND
     ONT36              PEEL
     ONT37              PERTH
     ONT38              PETERBOROUGH
     ONT39              PRESCOTT
     ONT40              PRINCE EDWARD
     ONT41              RAINY RIVER
     ONT42              RENFREW
     ONT43              RUSSELL
     ONT44              SIMCOE
     ONT45              STORMONT
     ONT46              SUDBURY
     ONT47              THUNDER BAY
     ONT48              TIMASKAMING
     ONT49              VICTORIA
     ONT50              WATERLOO
     ONT51              WELLAND
     ONT52              WELLINGTON
     ONT53              WENTWORTH
     ONT54              YORK
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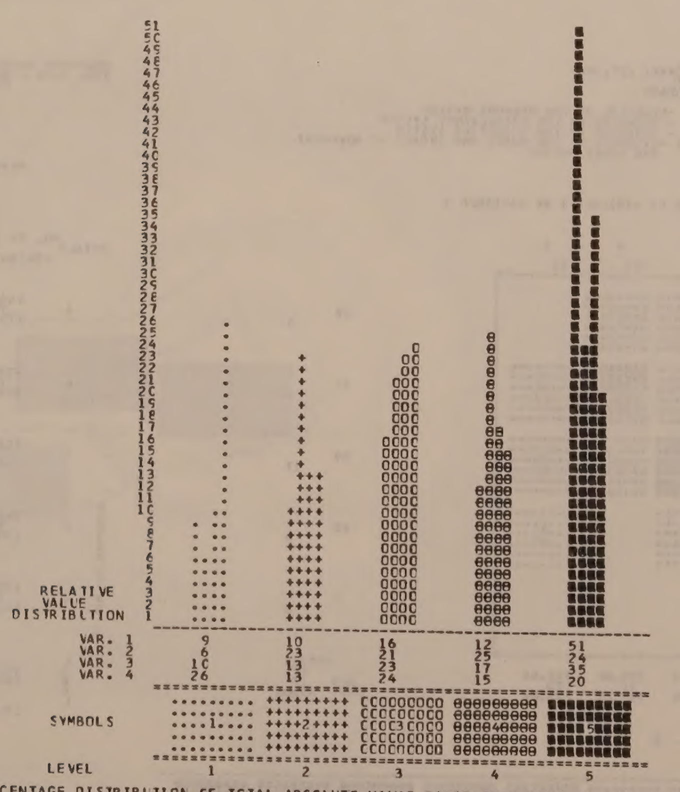

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PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                    (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 4)
```

```
      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1     9.75       10.00       16.55       12.55       51.14
         VAR. 2     6.18       23.18       21.33       25.12       24.19
         VAR. 3    10.14       13.05       23.71       17.25       35.85
         VAR. 4    26.44       13.44       24.43       15.48       20.21
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                    0.100       0.300       0.700       0.900       1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   62.200      84.082     106.524     143.666     171.832
         VAR. 1     TO          TO          TO          TO          TO
                   84.082     106.524     143.666     171.832     286.570

                  161.940     179.170     243.748     303.167     373.156
         VAR. 2     TO          TO          TO          TO          TO
                  179.170     243.748     303.167     373.156     440.550

                  154.450     173.506     198.036     242.606     275.042
         VAR. 3     TO          TO          TO          TO          TO
                  173.506     198.036     242.606     275.042     342.440

                   39.890      69.714      84.878     112.444     129.906
         VAR. 4     TO          TO          TO          TO          TO
                   69.714      84.878     112.444     129.906     152.710
```

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
        BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

              VARIABLE 1: CHAPTER VI   -DISEASES OF THE NERVOUS SYSTEM
              VARIABLE 2: CHAPTER VII  - DISEASES OF THE CIRCULATORY SYSTEM
              VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
              VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                        AND SENSE ORGANS
      INTER MILLILE INTERVALS OF VALUES

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                    1            62.2000          286.5698
                    2           161.9400          440.5498
                    3           154.4500          342.4399
                    4            39.8900          152.7100
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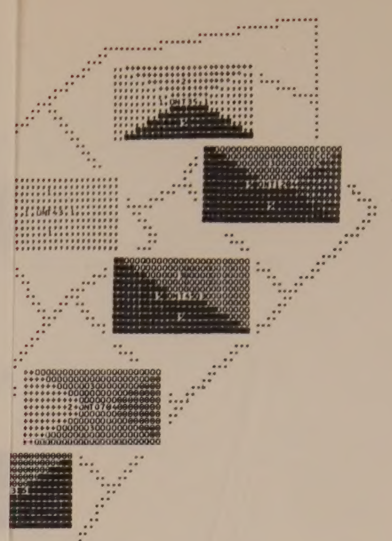

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SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
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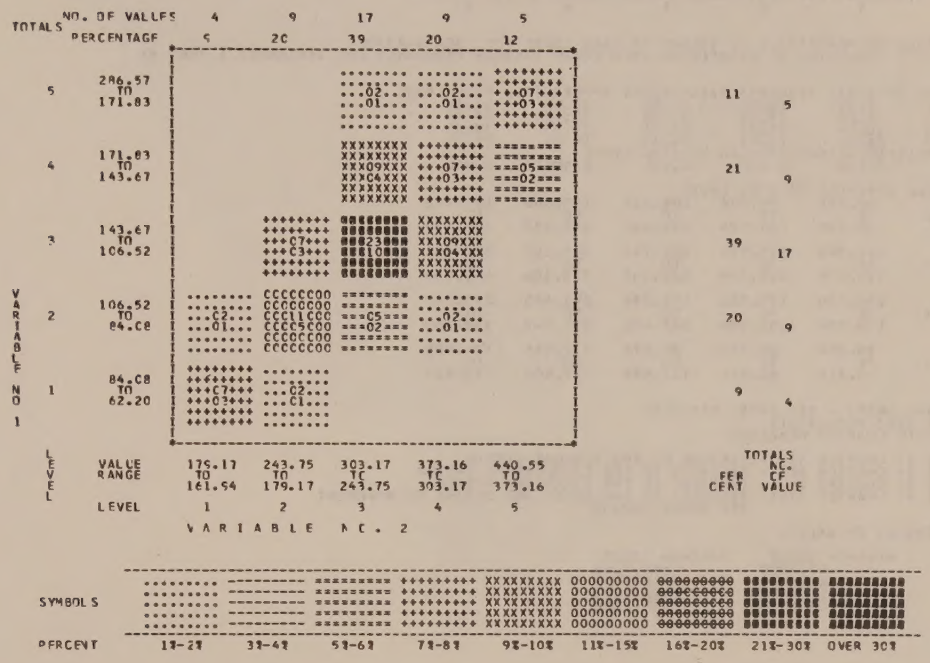
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT AND SENSE ORGANS

INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 2



SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
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BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
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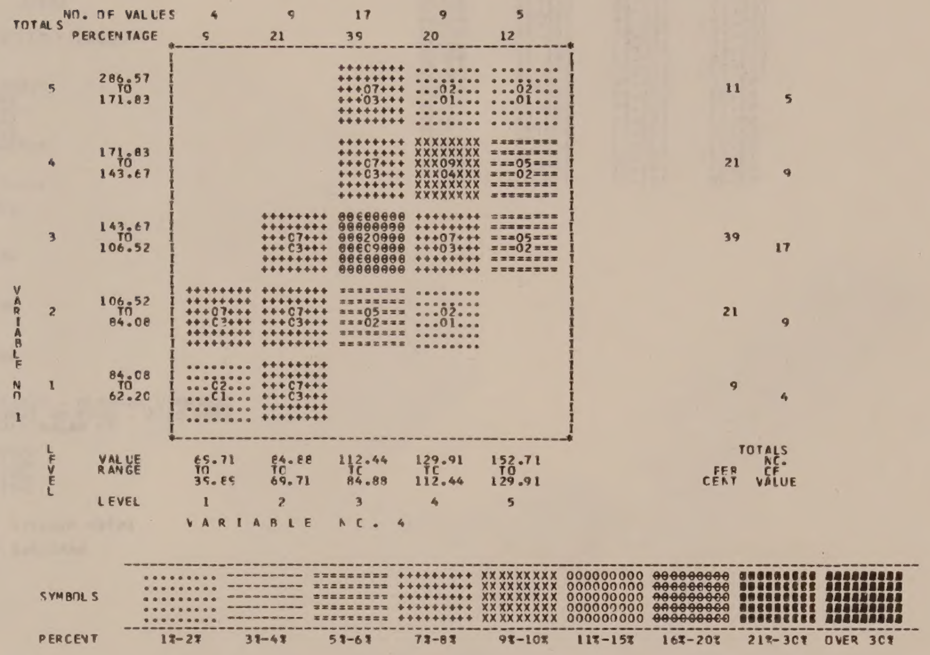
INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 4



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1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

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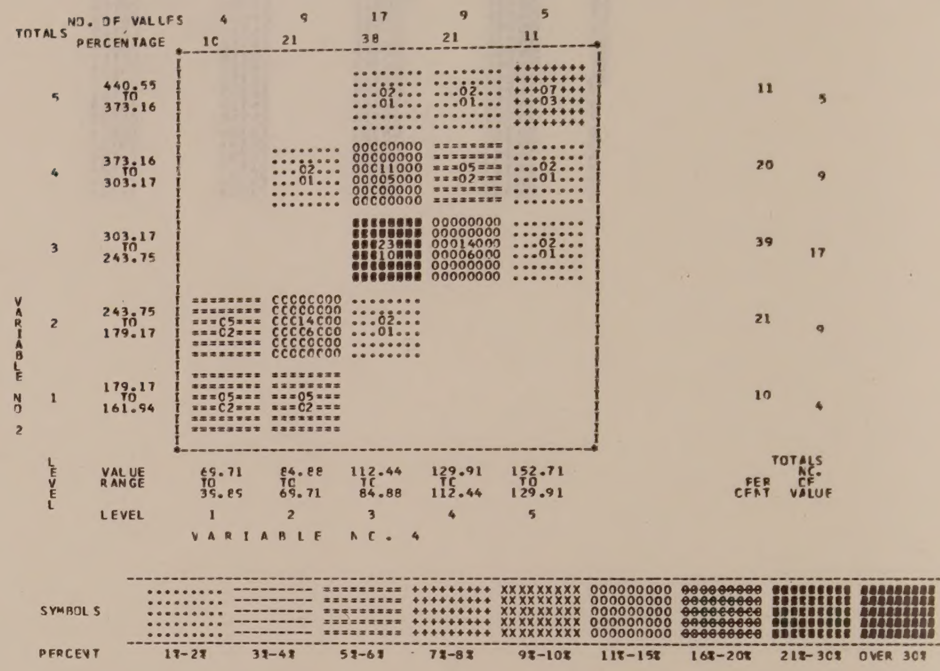
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT AND SENSE ORGANS

INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 4



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1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
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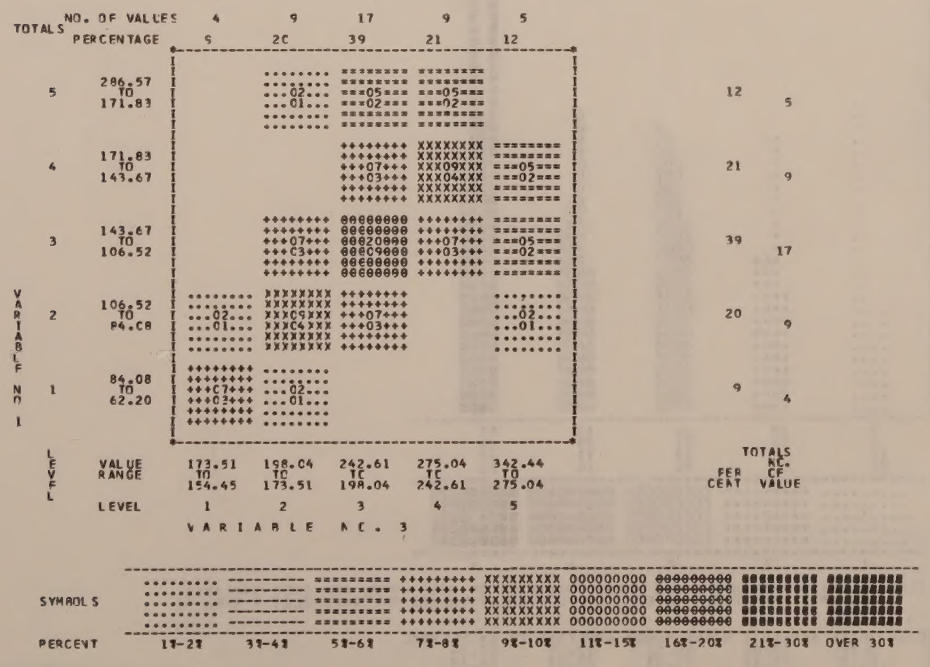
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT AND SENSE ORGANS

INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 1 BY VARIABLE 3



SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
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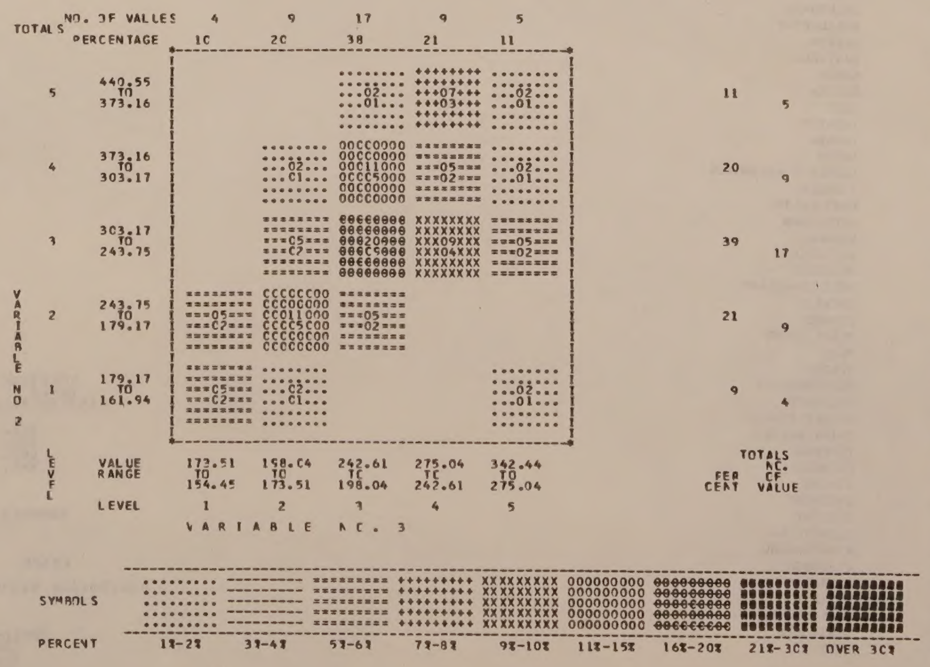
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT AND SENSE ORGANS

INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 2 BY VARIABLE 3

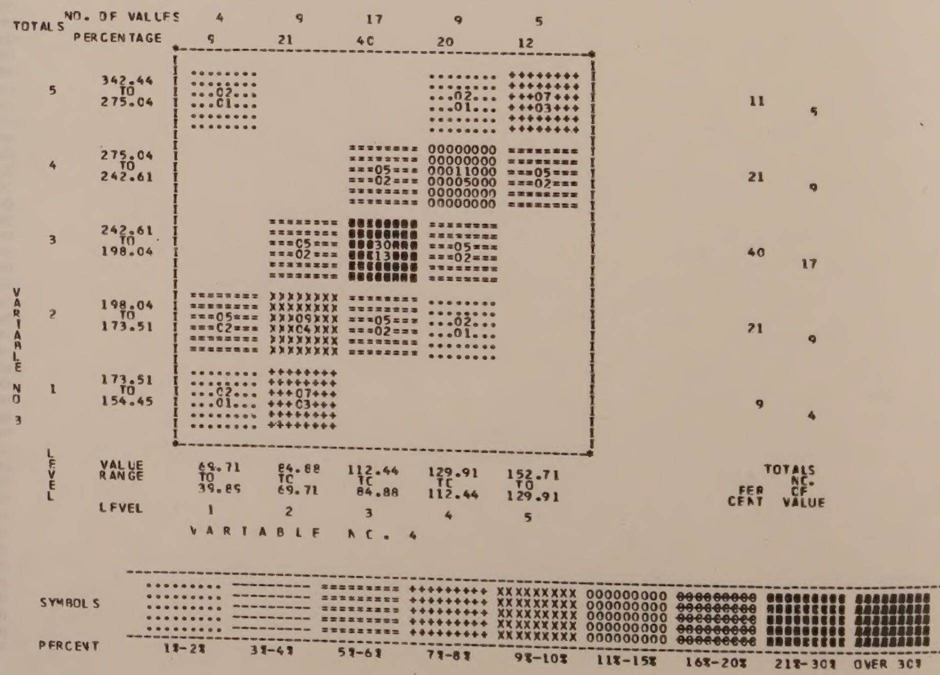


SOUTHERN ONTARIO - PRELIMINARY DRAFT - RUN DATE: OCT,1968
1966 DATA - DAYS OF CARE PER 1000 POPULATION
BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

VARIABLE 1: CHAPTER VI -DISEASES OF THE NERVOUS SYSTEM
VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCULATORY SYSTEM
VARIABLE 3: CHAPTER IX - DISEASES OF THE DIGESTIVE SYSTEM
VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT AND SENSE ORGANS

INTER MILLILE INTERVALS OF VALUES

CROSS TABULATION BY LEVELS OF VARIABLE 3 BY VARIABLE 4



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1966 DATA - DAYS OF CARE PER 1000 POPULATION
          BY MAJOR DIAGNOSTIC CHAPTER HEADINGS

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                VARIABLE 2: CHAPTER VII - DISEASES OF THE CIRCJLATORY SYSTEM
                VARIABLE 3: CHAPTER IX   - DISEASES OF THE DIGESTIVE SYSTEM
                VARIABLE 4: CHAPTER XIII -DISEASES OF THE BONES AND ORGANS OF MOVEMENT
                                          AND SENSE ORGANS

         INTER MILLILE INTERVALS OF VALUES

              VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALJE
                        1            62.2000          286.5698
                        2           161.9400          440.5498
                        3           154.4500          342.4399
                        4            39.8900          152.7100
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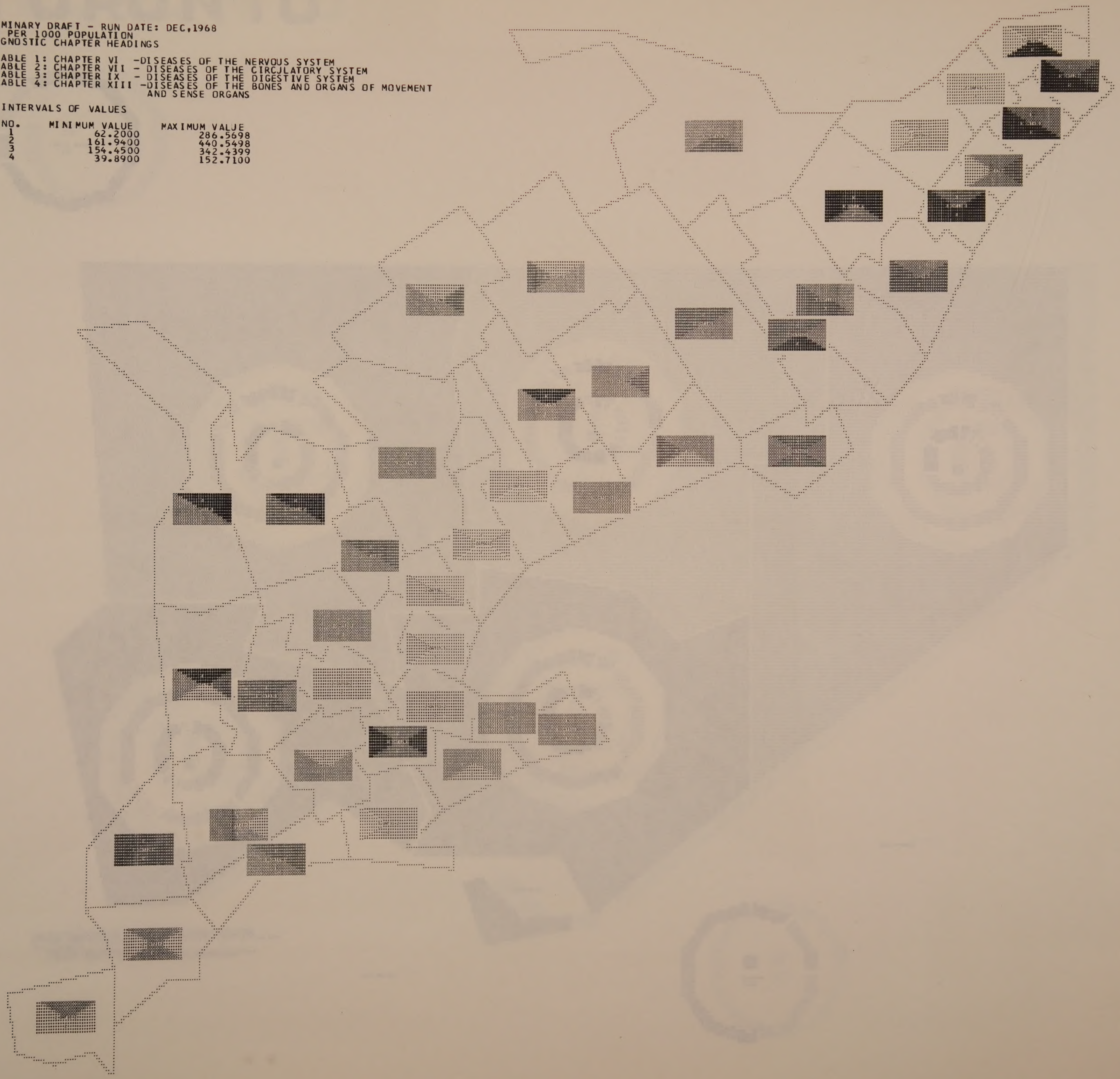

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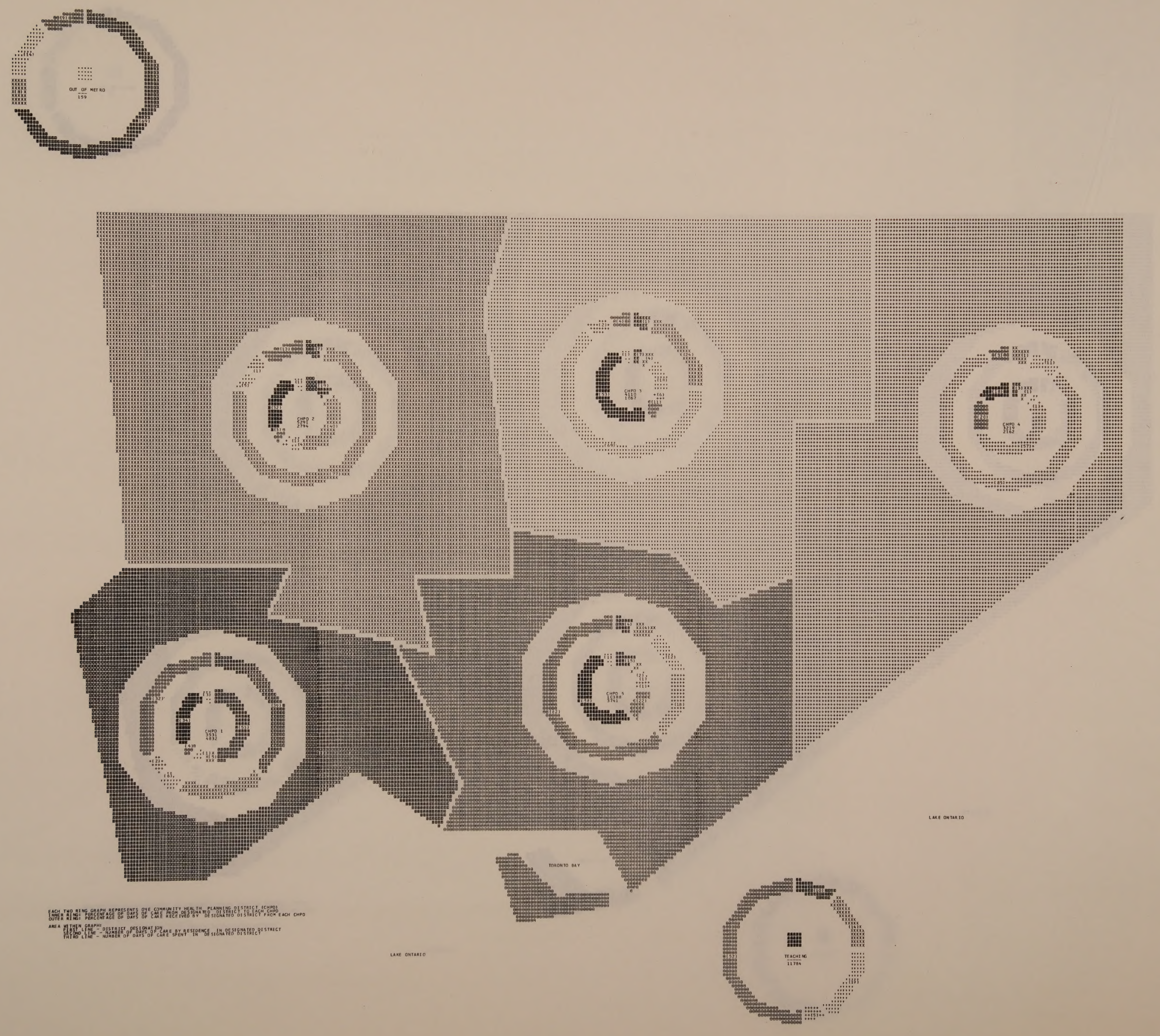
352-68

TORONTO


OUT OF METRO
159
CHPD 2
5291
2794
CHPD 3
4110
1067
CHPD 4
3219
2162
CHPD 1
3531
4832
CHPD 5
10388
3741
TORONTO BAY
LAKE ONTARIO
LAKE ONTARIO
TEACHING
11784

EACH TWO RING GRAPH REPRESENTS ONE COMMUNITY HEALTH PLANNING DISTRICT (CHPD)
INNER RING: PERCENTAGE OF DAYS OF CARE FROM DESIGNATED DISTRICT TO EACH CHPD
OUTER RING: PERCENTAGE OF DAYS OF CARE RECEIVED BY DESIGNATED DISTRICT FROM EACH CHPD

AREA WITHIN GRAPH:
FIRST LINE - DISTRICT DESIGNATION
SECOND LINE - NUMBER OF DAYS OF CARE BY RESIDENCE IN DESIGNATED DISTRICT
THIRD LINE - NUMBER OF DAYS OF CARE SPENT IN DESIGNATED DISTRICT

```
PRELIMINARY FLOW DIAGRAM OF ONE IN TEN SAMPLE OF MATERNITY DAYS OF CARE
TO HOSPITAL OF METROPOLITAN TORONTO RESIDENTS IN 1966
RUN DATE - DEC,1968
                DATA TABLE-DAYS-10% SAMPLE
                         4832    2794    1067    2162    3741    11784    159    TOTAL

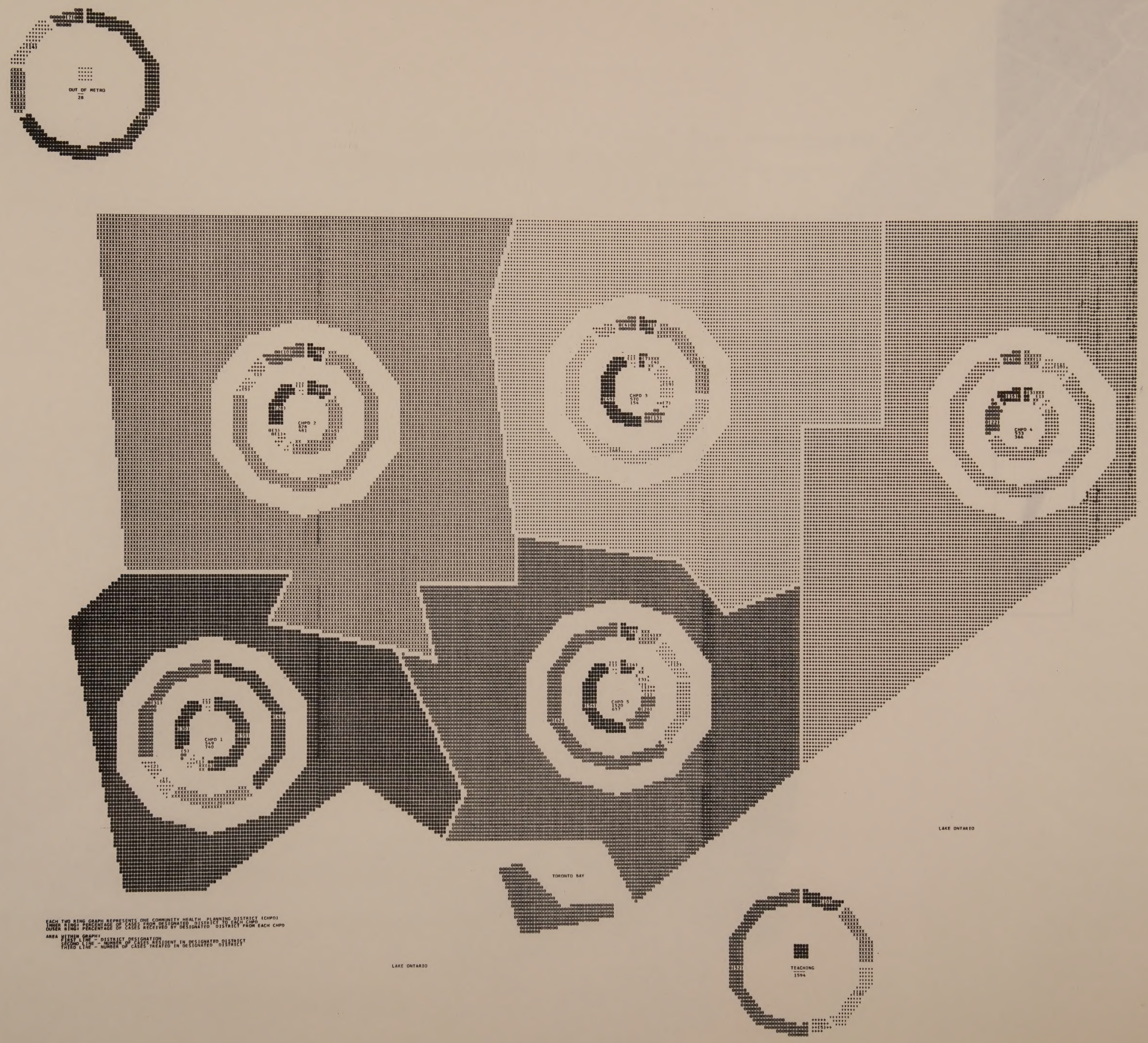
                   5     1541     280      53      75    2332     6096     14    10388
                   4      117      16      19    1824     655      578      0     3219
                   3      293     154     735     248     448     2209     23     4110
                   2     1015    2155     257       5     151     1696     12     5291
              FROM 1     1866     189       5       0     155     1205    110     3531

                  TO        1       2       3       4       5    TEACH   OUT-METRO

        RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS
           VARIABLE NO.     MINIMUM VALUE      MAXIMUM VALUE
                1                 0.5000             7.0000
```

17 48 -1
352-68

TORONTO


OUT OF METRO
28
CHPD 2
828
481
CHPD 3
570
154
CHPD 4
533
366
CHPD 1
549
740
CHPD 5
1520
637
TORONTO BAY
LAKE ONTARIO
LAKE ONTARIO
TEACHING
1594

EACH TWO RING GRAPH REPRESENTS ONE COMMUNITY HEALTH PLANNING DISTRICT (CHPD)
INNER RING: PERCENTAGE OF CASES FROM DESIGNATED DISTRICT TO EACH CHPD
OUTER RING: PERCENTAGE OF CASES RECEIVED BY DESIGNATED DISTRICT FROM EACH CHPD

AREA WITHIN GRAPH:
FIRST LINE - DISTRICT DESIGNATION
SECOND LINE - NUMBER OF CASES RESIDENT IN DESIGNATED DISTRICT
THIRD LINE - NUMBER OF CASES TREATED IN DESIGNATED DISTRICT

```
PRELIMINARY FLOW DIAGRAM OF ONE IN TEN SAMPLE OF MATERNITY CASES
TO HOSPITAL OF METROPOLITAN TORONTO RESIDENTS IN 1966
RUN DATE - DEC.1968

                 DATA TABLE-CASES-10% SAMPLE
                           740     481     154     366     637     1594     28     TOTAL

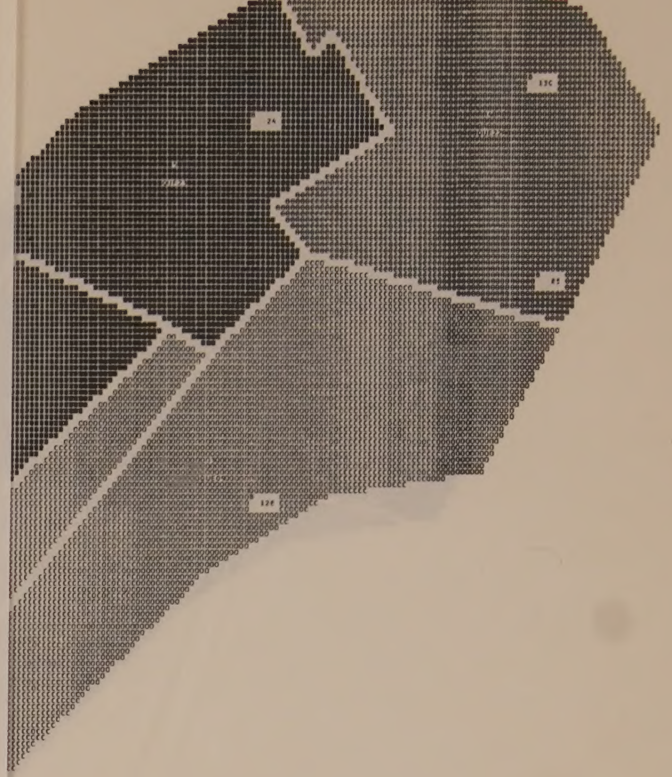
                   5       227      48       6      14     393      830      2      1520
                   4        17       3       1     313     116       83      0       533
                   3        43      24     106      38      75      280      4       570
                   2       151     373      40       1      27      233      3       828
             FROM  1       302      33       1       0      26      168     19       549

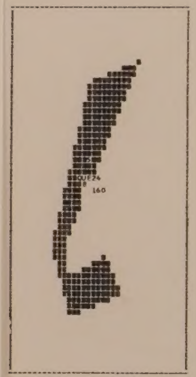
                TO         1       2       3       4       5      TEACH    OUT-METRO

       RANGE (MAXIMUM VALUE - MINIMUM VALUE) IN TEN INTERVALS

          VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                1               0.5000     -       7.0000
```

17 48 -2
352-68





18 57 -1
352-68

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QUÉBEC SUD-BROUILLON PROVISOIRE     SOUTHERN QUEEEC-FRELIMINARY DRAFT
DONNÉE 1966                         1966 DATA
DATE - SEPTEMBRE,1968               DATE - SEFTEMBER,1968

                   JCLRS DE SOINS RAR 1000 PERSONNES- DAYS OF CARE PER 1CCC PERSONS

       INTER MILLILE INTERVALS CF VALLES

           VARIABLE NC.    MINIMUM VALLE    MAXIMUM VALUE
                1               999.C498        3254.8999

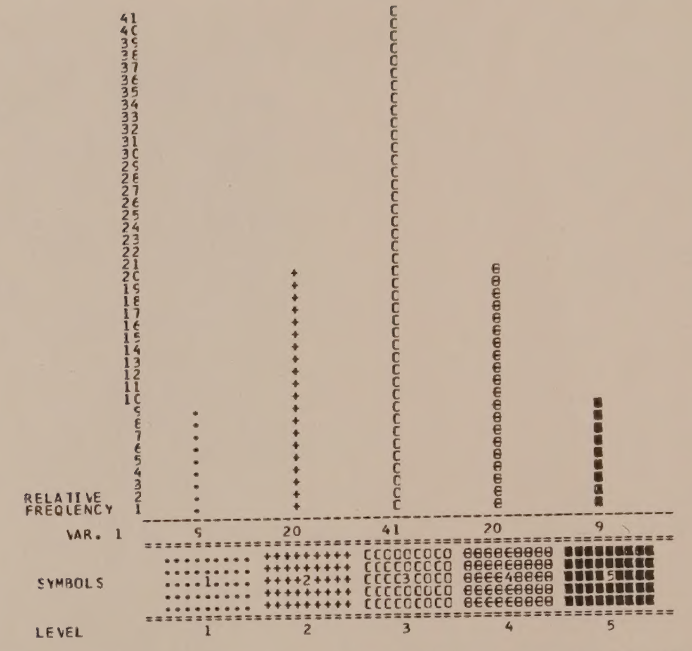
                              RANK CF FCLYGCNS BY VALUE FOR EACH VARIABLE

        POLYGON NAME AND NUMBER                                      POLYGON VALLE
 RANK   VARIABLE 1                                                 VAR 1

  69     QUE24                                                     3254.90
  68     QUE21                                                     3042.98
  67     QUE23                                                     2888.01
  66     QUE56                                                     2839.39
  65     QUE65                                                     2724.01
  64     QUE40                                                     2566.59
  63     QUE62                                                     2506.98
  62     QUE64                                                     2426.40
  61     QUE22                                                     2425.21
  60     QUE53                                                     2303.78
  59     QUE26                                                     2136.47
  58     QUE30                                                     2108.26
  57     QUE58                                                     2087.05
  56     QUE04                                                     2065.88
  55     QUE57                                                     2060.20
  54     QUE55                                                     2030.89
  53     QUE69                                                     2026.64
  52     QUE05                                                     2023.00
  51     QUE49                                                     2001.68
  50     QUE12                                                     1988.00
  49     QUE45                                                     1962.17
  48     QUE41                                                     1949.13
  47     QUE13                                                     1930.83
  46     QUE75                                                     1913.36
  45     QUE67                                                     1908.60
  44     QUE09                                                     1895.40
  43     QUE74                                                     1882.99
  42     QUE46                                                     1855.32
  41     QUE17                                                     1830.85
  40     QUE25                                                     1817.26
  39     QUE52                                                     1816.32
  38     QUE03                                                     1784.90
  37     QUE31                                                     1758.38
  36     QUE19                                                     1753.51
  35     QUE37                                                     1721.48
  34     QUE02                                                     1721.06
  33     QUE10                                                     1719.80
  32     QUE36                                                     1718.41
  31     QUE43                                                     1715.26
  30     QUE27                                                     1655.47
  29     QUE39                                                     1629.83
  28     QUE61                                                     1562.72
  27     QUE44                                                     1559.45
  26     QUE18                                                     1515.35
  25     QUE51                                                     1501.70
  24     QUE70                                                     1496.79
  23     QUE42                                                     1466.47
  22     QUE63                                                     1459.70
  21     QUE66                                                     1458.88
  20     QUE34                                                     1410.83
  19     QUE14                                                     1400.06
  18     QUE07                                                     1391.10
  17     QUE29                                                     1389.08
  16     QUE72                                                     1388.28
  15     QUE48                                                     1385.27
  14     QUE54                                                     1371.79
  13     QUE38                                                     1366.66
  12     QUE11                                                     1331.24
  11     QUE71                                                     1314.36
  10     QUE73                                                     1303.87
   9     QUE06                                                     1262.27
   8     QUE08                                                     1260.85
   7     QUE28                                                     1243.88
   6     QUE59                                                     1231.81
   5     QUE20                                                     1214.80
   4     QUE15                                                     1188.98
   3     QUE35                                                     1136.22
   2     QUE50                                                     1077.14
   1     QUE47                                                      999.05
```

QUÉBEC

QUE01	ABITIBI	QUE39	MASKINONGÉ
QUE02	ARGENTEUIL	QUE40	MATANE
QUE03	ARTHABASKA	QUE41	MATAPÉDIA
QUE04	BAGOT	QUE42	MÉGANTIC
QUE05	BEAUCE	QUE43	MISSISQUOI
QUE06	BEAUHARNOIS	QUE44	MONTCALM
QUE07	BELLECHASSE	QUE45	MONTMAGNY
QUE08	BERTHIER	QUE46	MONTMORENCY NO. 1
QUE09	BONAVENTURE	QUE47	MONTMORENCY NO. 2
QUE10	BROME	QUE48	ÎLE-JÉSUS
QUE11	CHAMBLY	QUE49	ÎLE-DE-MONTRÉAL
QUE12	CHAMPLAIN	QUE50	NAPIERVILLE
QUE13	CHARLEVOIX-EST	QUE51	NICOLET
QUE14	CHARLEVOIX-OUEST	QUE52	PAPINEAU
QUE15	CHÂTEAUGUAY	QUE53	PONTIAC
QUE16	CHICOUTIMI	QUE54	PORTNEUF
QUE17	COMPTON	QUE55	QUÉBEC
QUE18	DEUX-MONTAGNES	QUE56	RICHELIEU
QUE19	DORCHESTER	QUE57	RICHMOND
QUE20	DRUMMOND	QUE58	RIMOUSKI
QUE21	FRONTENAC	QUE59	ROUVILLE
QUE22	GASPÉ-EST	QUE60	SAGUENAY
QUE23	GASPÉ-OUEST	QUE61	SHEFFORD
QUE24	ÎLES-DE-LA-MADELEINE	QUE62	SHERBROOKE
QUE25	GATINEAU	QUE63	SOULANGES
QUE26	HULL	QUE64	STANSTEAD
QUE27	HUNTINGDON	QUE65	ST. HYACINTHE
QUE28	IBERVILLE	QUE66	ST. JEAN
QUE29	JOLIETTE	QUE67	ST. MAURICE
QUE30	KAMOURASKA	QUE68	TÉMISCAMINQUE
QUE31	LABELLE	QUE69	TÉMISCOUATA
QUE32	LAC-ST-JEAN-EST	QUE70	RIVIÈRE-DU-LOUP
QUE33	LAC-ST.-JEAN-OUEST	QUE71	TERREBONNE
QUE34	LAPRAIRIE	QUE72	VAUDREUIL
QUE35	L'ASSOMPTION	QUE73	VERCHÈRES
QUE36	LÉVIS	QUE74	WOLFE
QUE37	L'ISLET	QUE75	YAMASKA
QUE38	LOTBINIÈRE		



```
FREQUENCY DISTRIBLTICN BY PERCENTAGE CF VALUES IN EACH LEVEL FOR EACH VARIABLE
               (CCLUMNS CF SYMECLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1    1C.80      8.95      22.54      21.34      36.37
      MAXIMUM MILLILE VALLE AFFLYING TC EACH LEVEL
                  C.100      C.300      0.700      0.900      1.000

      VALLE RANGE APFLYING TC EACH LEVEL
                999.050  1242.673  1444.464  1953.042  2434.457
        VAR. 1     TC        TC        TO        TC        TO
               1242.673  1444.464  1953.042  2434.457  3254.900
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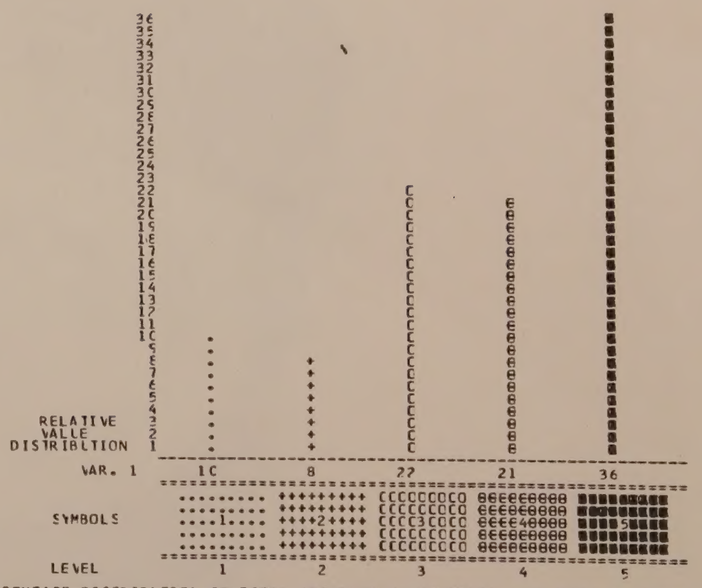


```
PERCENTAGE DISTRIBLTICN CF TCTAL ABSCLLTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
               (CCLUMNS CF SYMECLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRL 1)

      PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
        VAR. 1    1C.80      8.95      22.54      21.34      36.37
      MAXIMUM MILLILE VALLE AFFLYING TC EACH LEVEL
                  C.100      C.300      0.700      0.900      1.000

      VALLE RANGE APPLYING TC EACH LEVEL
                999.050  1242.673  1444.464  1953.042  2434.457
        VAR. 1     TC        TC        TO        TC        TO
               1242.673  1444.464  1953.042  2434.457  3254.900
```

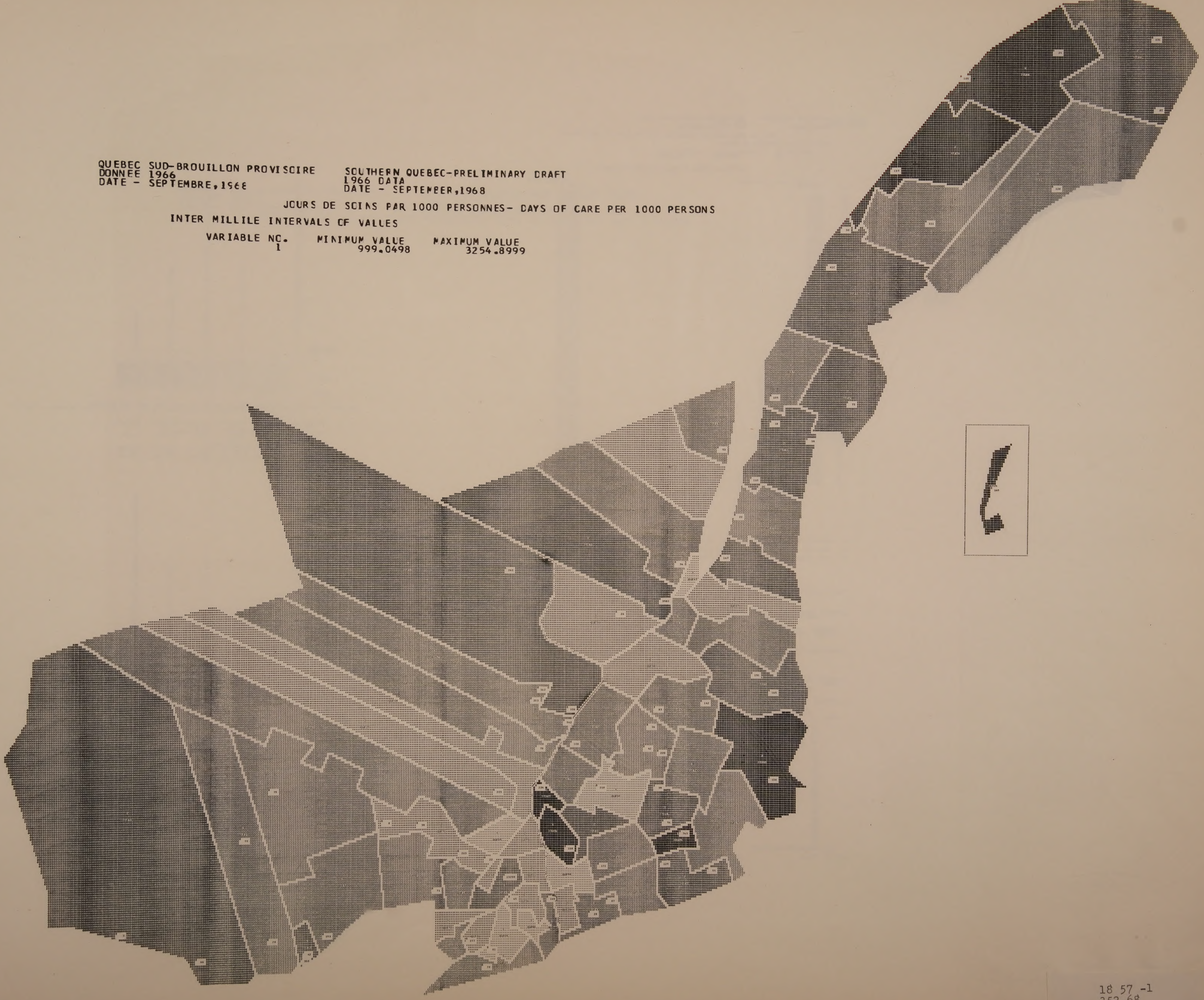
QUEBEC SUD-BROUILLON PROVISOIRE
DONNEE 1966
DATE - SEPTEMBRE,1968

SOUTHERN QUEBEC-PRELIMINARY DRAFT
1966 DATA
DATE - SEPTEMBER,1968

JOURS DE SOINS PAR 1000 PERSONNES- DAYS OF CARE PER 1000 PERSONS

INTER MILLILE INTERVALS OF VALUES

VARIABLE NO.	MINIMUM VALUE	MAXIMUM VALUE
1	999.0498	3254.8999



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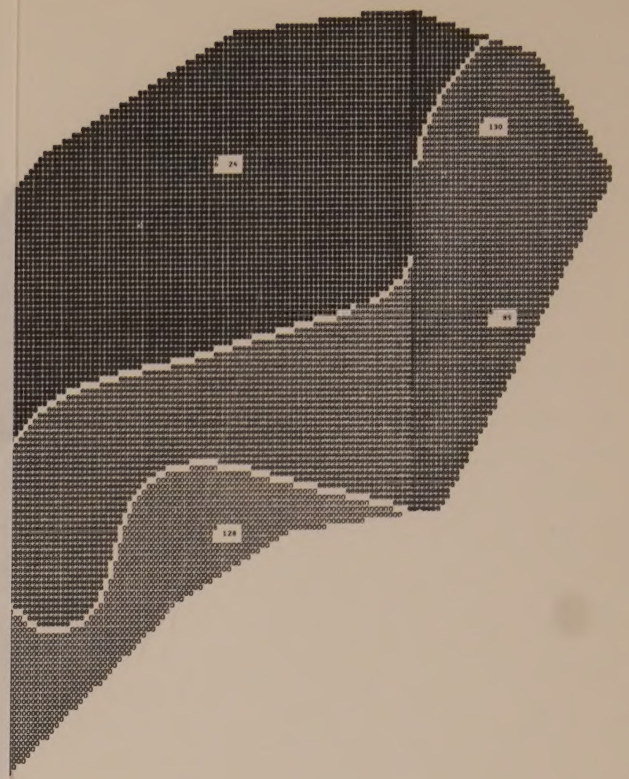
352-68


24
130
85
128

18 57 -2
352-68

```
QUÉBEC SUD-BROUILLON PROVISOIRE     SOUTHERN QUEBEC-PRELIMINARY DRAFT
DONNÉE 1966                         1966 DATA
DATE - SEPTEMBRE,1968               DATE - SEPTEMBER,1968

              JOURS DE SOINS PAR 1000 PERSONNES- DAYS OF CARE PER 1000 PERSONS

        INTER MILLILE INTERVALS OF VALUES

            VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                 1                999.0498          3254.8999

                          RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

          POLYGON NAME AND NUMBER                                    POLYGON VALUE
  RANK    VARIABLE 1                                                VAR 1

   69     QUE24                                                     3254.90
   68     QUE21                                                     3042.98
   67     QUE23                                                     2888.01
   66     QUE56                                                     2839.39
   65     QUE65                                                     2724.01
   64     QUE40                                                     2566.59
   63     QUE62                                                     2506.98
   62     QUE64                                                     2426.40
   61     QUE22                                                     2425.21
   60     QUE53                                                     2303.78
   59     QUE26                                                     2136.47
   58     QUE30                                                     2108.26
   57     QUE58                                                     2087.05
   56     QUE04                                                     2065.88
   55     QUE57                                                     2060.20
   54     QUE55                                                     2030.89
   53     QUE69                                                     2026.64
   52     QUE05                                                     2023.00
   51     QUE49                                                     2001.68
   50     QUE12                                                     1988.00
   49     QUE45                                                     1962.17
   48     QUE41                                                     1949.13
   47     QUE13                                                     1930.83
   46     QUE75                                                     1913.36
   45     QUE67                                                     1908.60
   44     QUE09                                                     1895.40
   43     QUE74                                                     1882.99
   42     QUE46                                                     1855.32
   41     QUE17                                                     1830.85
   40     QUE25                                                     1817.26
   39     QUE52                                                     1816.32
   38     QUE03                                                     1784.90
   37     QUE31                                                     1758.38
   36     QUE19                                                     1753.51
   35     QUE37                                                     1721.48
   34     QUE02                                                     1721.06
   33     QUE10                                                     1719.80
   32     QUE36                                                     1718.41
   31     QUE43                                                     1715.26
   30     QUE27                                                     1655.47
   29     QUE39                                                     1629.83
   28     QUE61                                                     1562.72
   27     QUE44                                                     1559.45
   26     QUE18                                                     1515.35
   25     QUE51                                                     1501.70
   24     QUE70                                                     1496.79
   23     QUE42                                                     1466.47
   22     QUE63                                                     1459.70
   21     QUE66                                                     1458.88
   20     QUE34                                                     1410.83
   19     QUE14                                                     1400.06
   18     QUE07                                                     1391.10
   17     QUE29                                                     1389.08
   16     QUE72                                                     1388.28
   15     QUE48                                                     1385.27
   14     QUE54                                                     1371.79
   13     QUE38                                                     1366.66
   12     QUE11                                                     1331.24
   11     QUE71                                                     1314.36
   10     QUE73                                                     1303.87
    9     QUE06                                                     1262.27
    8     QUE08                                                     1260.85
    7     QUE28                                                     1243.88
    6     QUE59                                                     1231.81
    5     QUE20                                                     1214.80
    4     QUE15                                                     1188.98
    3     QUE35                                                     1136.22
    2     QUE50                                                     1077.14
    1     QUE47                                                      999.05
```

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C   SOUTHERN QUEBEC-PRELIMINARY DRAFT   QUÉBEC SUD-BROUILLON PROVISAIRE

C   1966 DATA                           DONNÉE 1966

C   DATE - NOVEMBER,1968                DATE - NOVEMBRE,1968

                                                  VARIABLE - DAYS OF CARE PER 1000 PERSONS
                                                  VARIABLE - JOURS DE SOINS PAR 1000 PERSONNES


DATA VALUE EXTREMES ARE        999.05     3042.98


ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
      %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM     999.05   1247.19   1450.22   1969.07   2442.79
  MAXIMUM    1247.19   1450.22   1969.07   2442.79   3254.90

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

              11.00      9.00     23.00     21.00     36.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL         1         2         3         4         5
          ==================================================
           ......... +++++++++ 000000000 888888888 ■■■■■■■■■
           ......... +++++++++ 000000000 888888888 ■■■■■■■■■
  SYMBOLS  ....1.... ++++2++++ 000030000 888848888 ■■■■5■■■■
           ......... +++++++++ 000000000 888888888 ■■■■■■■■■
           ......... +++++++++ 000000000 888888888 ■■■■■■■■■
          ==================================================
  FREQ.         7        13        29        13         6
        1   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        2   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        3   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        4   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        5   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        6   I..1..I   I++2++I   I00300I   I88488I   I■■5■■I
        7   I..1..I   I++2++I   I00300I   I88488I
        8             I++2++I   I00300I   I88488I
        9             I++2++I   I00300I   I88488I
       10             I++2++I   I00300I   I88488I
       11             I++2++I   I00300I   I88488I
       12             I++2++I   I00300I   I88488I
       13             I++2++I   I00300I   I88488I
       14                       I00300I
       15                       I00300I
       16                       I00300I
       17                       I00300I
       18                       I00300I
       19                       I00300I
       20                       I00300I
       21                       I00300I
       22                       I00300I
       23                       I00300I
       24                       I00300I
       25                       I00300I
       26                       I00300I
       27                       I00300I
       28                       I00300I
       29                       I00300I

  0.0 MINUTES FOR HISTOGRAM

TIME # 731.5
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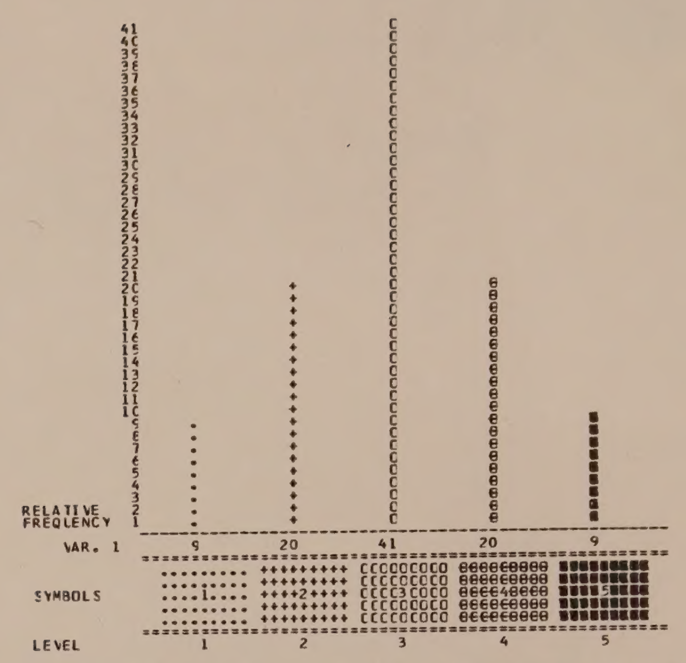
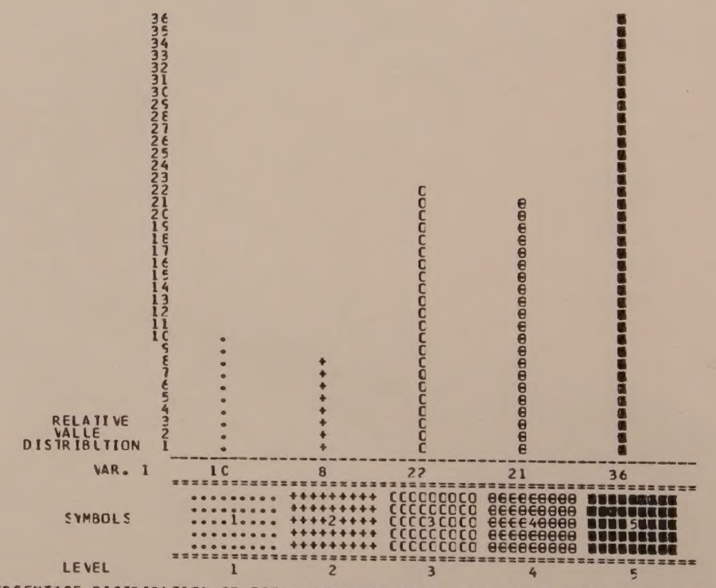


```
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1      10.80       8.95      22.54      21.34      36.37
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100      0.300      0.700      0.900      1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   999.050   1242.673   1444.464   1953.042   2434.457
         VAR. 1       TO         TO         TO         TO         TO
                  1242.673   1444.464   1953.042   2434.457   3254.900
```



```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

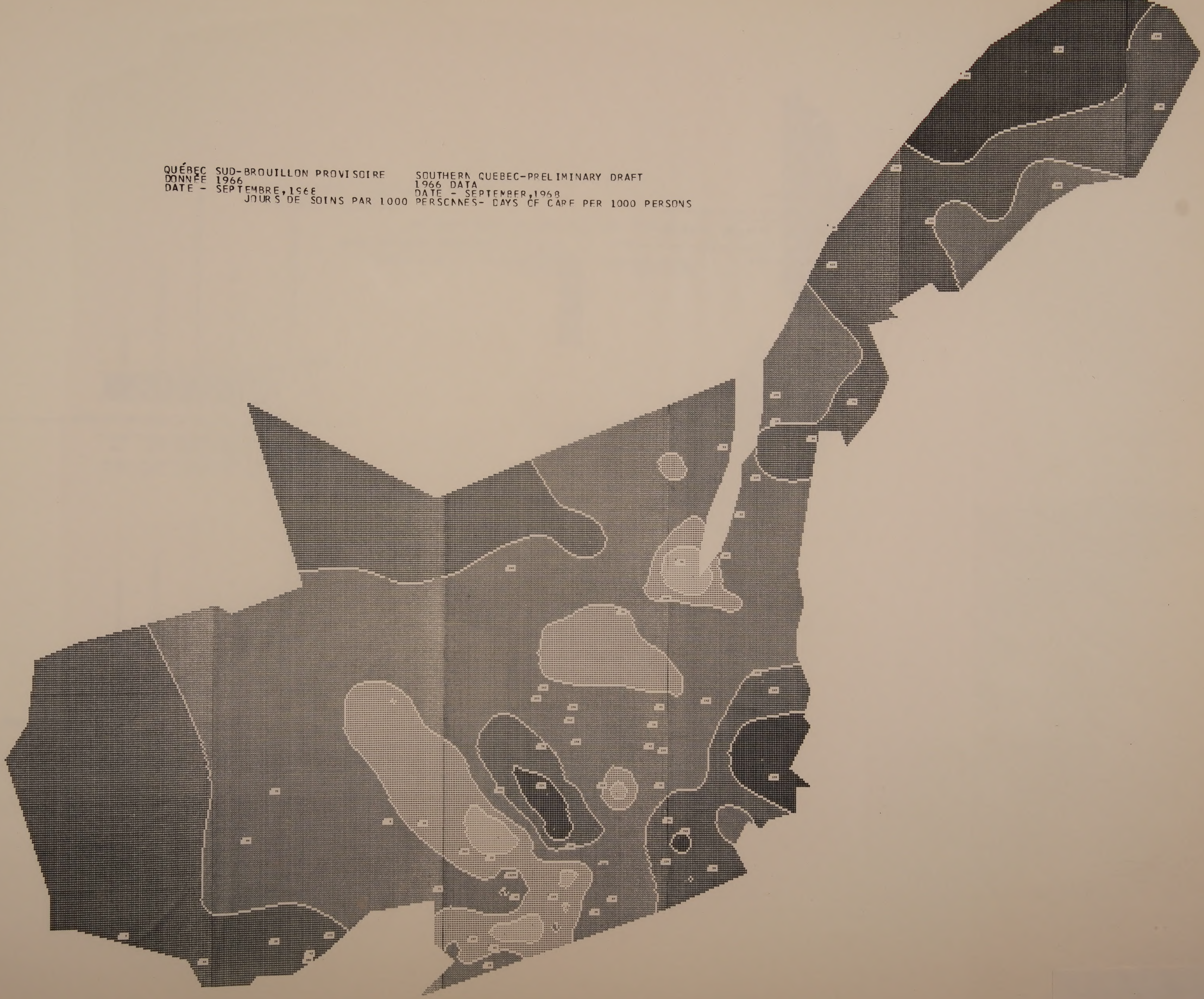
      PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
         VAR. 1      10.80       8.95      22.54      21.34      36.37
      MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100      0.300      0.700      0.900      1.000

      VALUE RANGE APPLYING TO EACH LEVEL
                   999.050   1242.673   1444.464   1953.042   2434.457
         VAR. 1       TO         TO         TO         TO         TO
                  1242.673   1444.464   1953.042   2434.457   3254.900
```

QUÉBEC SUD-BROUILLON PROVISOIRE
DONNÉE 1966
DATE - SEPTEMBRE,1968

SOUTHERN QUEBEC-PRELIMINARY DRAFT
1966 DATA
DATE - SEPTEMBER,1968

JOURS DE SOINS PAR 1000 PERSONNES- DAYS OF CARE PER 1000 PERSONS



18 57 -2
352-68

20 50 -1
352-68

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NOVA SCOTIA - PRELIMINARY VERSICN
1966 DATA
RUN DATE - NOV,1968

                    VARIABLE: DAYS CF CARE PER 1000 POPULATION

             INTER MILLILE INTERVALS CF VALUES

                 VARIABLE NC.    MINIMUM VALUE    MAXIMUM VALUE
                          1          1207.0000        2543.0000

                                        RANK CF FCLYGCNS BY VALUE FOR EACH VARIABLE

                  POLYGON NAME AND NUMBER                                      POLYGON VALUE
      RANK      VARIABLE 1                                                   VAR 1

       18        NS1C                                                        2543.0C
       17        NS03                                                        2302.0C
       16        NS17                                                        2262.0C
       15        NS02                                                        2248.0C
       14        NS13                                                        2046.0C
       13        NSC7                                                        2029.0C
       12        NS09                                                        1682.0C
       11        NSC5                                                        1665.0C
       10        NS04                                                        1655.0C
        9        NS15                                                        1635.0C
        8        NS06                                                        1598.0C
        7        NS11                                                        1476.0C
        6        NS16                                                        1433.0C
        5        NS14                                                        1410.0C
        4        NS18                                                        1377.0C
        3        NSC1                                                        1321.0C
        2        NSC8                                                        1267.0C
        1        NS12                                                        1207.0C
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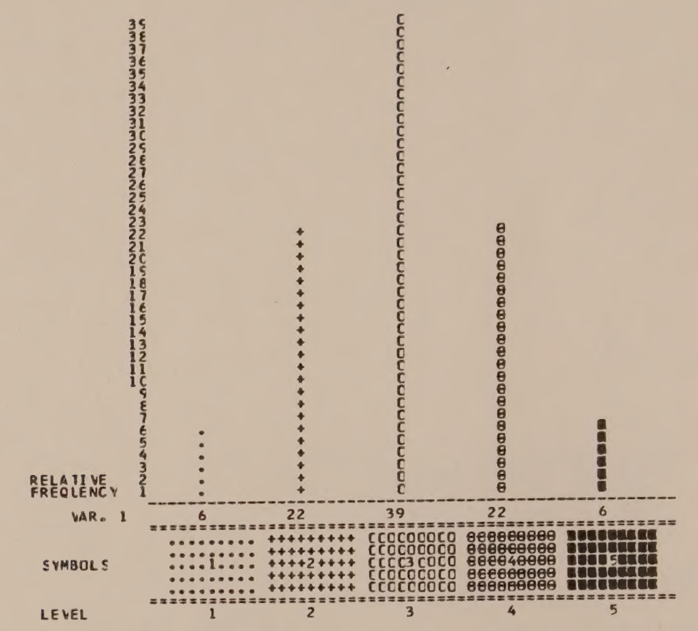


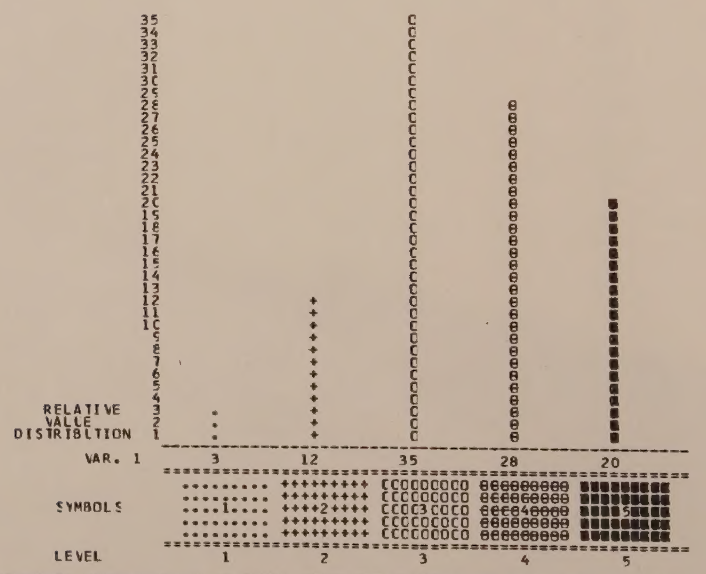
```
FREQUENCY DISTRIBUTION BY PERCENTAGE CF VALUES IN EACH LEVEL FOR EACH VARIABLE
                       (COLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1      3.59      12.29      35.25      28.43      20.43
        MAXIMUM MILLILE VALUE AFFLYING TC EACH LEVEL
                      C.100      0.300      0.700      0.900      1.000

        VALUE RANGE APPLYING TC EACH LEVEL
                   12C7.000   1255.000   1419.200   1890.200   2270.000
           VAR. 1     TC         TC         TO         TO         TO
                   1255.00C   1419.200   1890.200   2270.000   2543.000
```

NOVA SCOTIA

NS01	ANNAPOLIS
NS02	ANTIGONISH
NS03	CAPE BRETON
NS04	COLCHESTER
NS05	CUMBERLAND
NS06	DIGBY
NS07	GUYSBOROUGH
NS08	HALIFAX
NS09	HANTS
NS10	INVERNESS
NS11	KINGS
NS12	LUNENBURG
NS13	PICTOU
NS14	QUEENS
NS15	RICHMOND
NS16	SHELBURNE
NS17	VICTORIA
NS18	YARMOUTH



```
PERCENTAGE DISTRIBUTICN CF TCTAL ABSCLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                       (COLUMNS CF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

        PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1      3.59      12.29      35.25      28.43      20.43
        MAXIMUM MILLILE VALUE AFFLYING TC EACH LEVEL
                      0.100      0.300      0.700      0.900      1.000

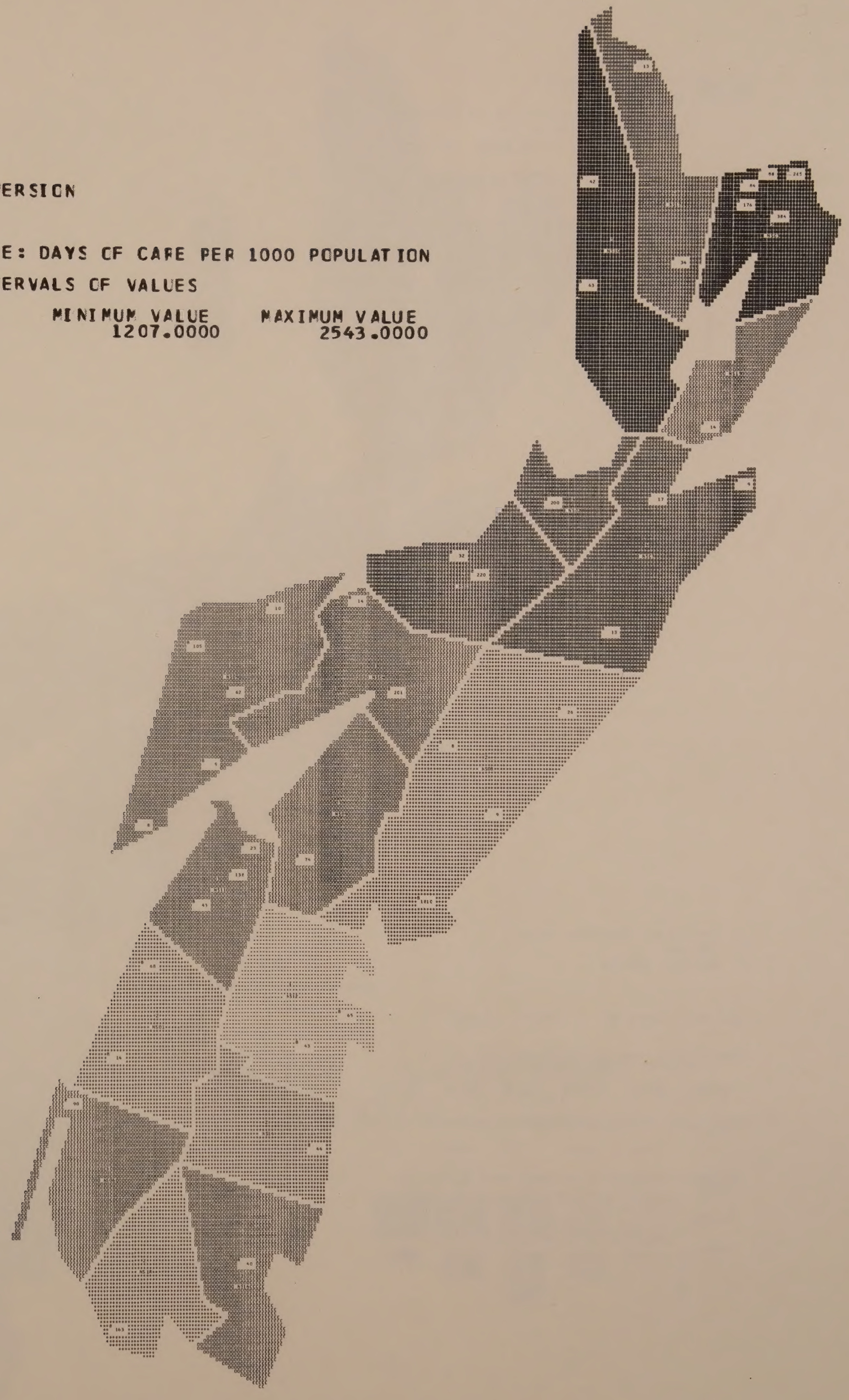
        VALUE RANGE APPLYING TC EACH LEVEL
                   12C7.000   1255.000   1419.200   1890.200   2270.000
           VAR. 1     TC         TC         TO         TO         TO
                   1255.00C   1419.200   1890.200   2270.000   2543.000
```

```
NOVA SCOTIA - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV,1968

                    VARIABLE: DAYS OF CARE PER 1000 POPULATION

        INTER MILLILE INTERVALS OF VALUES

              VARIABLE NO.    MINIMUM VALUE    MAXIMUM VALUE
                         1        1207.0000        2543.0000
```



20 50 -1
352-68

20 50 -2
352-68

```
NOVA SCOTIA - PRELIMINARY VERSICN
1966 DATA
RUN DATE - NOV,1S6E

                  VARIABLE: DAYS CF CAFE FER 1000 PCPULATION

        INTER MILLILE INTERVALS CF VALLES

             VARIABLE NC.     MINIMUM VALUE     MAXIMUM VALUE
                   1            1207.0000         2543.0000

                                 RANK CF PCLYGCNS BY VALUE FOR EACH VARIABLE

               POLYGON NAME AND NUMBER                                              POLYGON VALUE
   RANK     VARIABLE 1                                                            VAR 1

    18        NS1C                                                                 2543.0C
    17        NSC3                                                                 2302.0C
    16        NS17                                                                 2262.0C
    15        NSC2                                                                 2248.0C
    14        NS13                                                                 2046.0C
    13        NSC7                                                                 2029.0C
    12        NSC9                                                                 1682.0C
    11        NSC5                                                                 1665.0C
    10        NSC4                                                                 1655.0C
     9        NS15                                                                 1635.0C
     8        NSC6                                                                 1598.CC
     7        NS11                                                                 1476.0C
     6        NS16                                                                 1433.0C
     5        NS14                                                                 1410.0C
     4        NS18                                                                 1377.CC
     3        NSC1                                                                 1321.0C
     2        NSC8                                                                 1267.0C
     1        NS12                                                                 1207.0C
```

NOVA SCOTIA

NS01	ANNAPOLIS
NS02	ANTIGONISH
NS03	CAPE BRETON
NS04	COLCHESTER
NS05	CUMBERLAND
NS06	DIGBY
NS07	GUYSBOROUGH
NS08	HALIFAX
NS09	HANTS
NS10	INVERNESS
NS11	KINGS
NS12	LUNENBURG
NS13	PICTOU
NS14	QUEENS
NS15	RICHMOND
NS16	SHELBURNE
NS17	VICTORIA
NS18	YARMOUTH

```
C   NOVA SCOTIA - PRELIMINARY VERSION

C   1966 DATA

C   RUN DATE - DEC,1968

                                                    VARIABLE - DAYS OF CARF PER 1000 POPULATION

DATA VALUE EXTREMES ARE      1207.00     2543.00

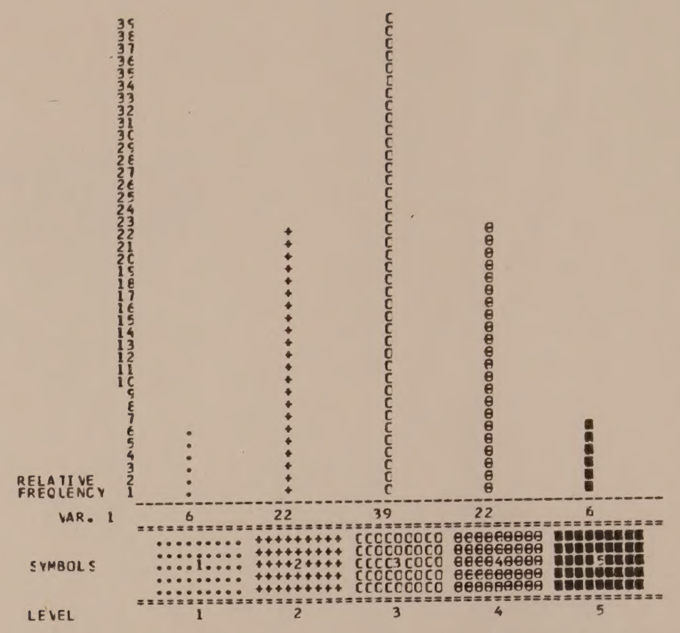

ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
      %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM   1207.00    1260.44    1420.76    1888.36    2262.44
  MAXIMUM   1260.44    1420.76    1888.36    2262.44    2543.00

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

              4.00      12.00      35.00      28.00      21.00

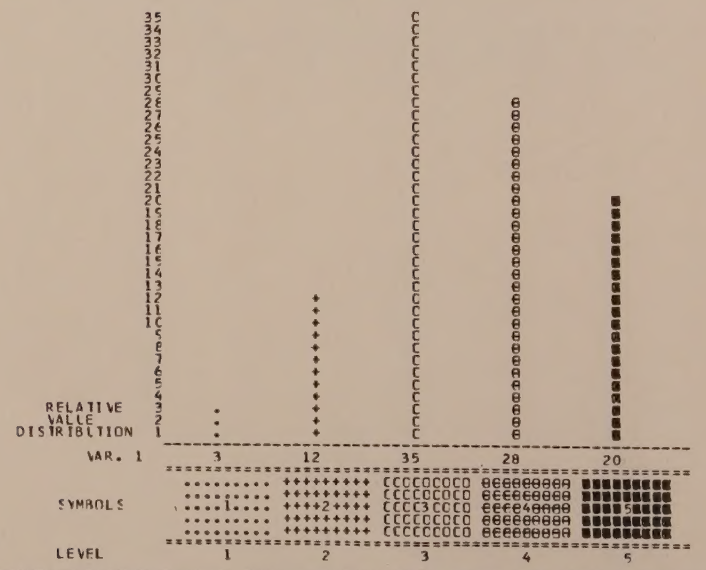
FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL         1          2          3          4          5
          ==============================================
           .........  +++++++++ 000000000 888888888 ■■■■■■■■■
           .........  +++++++++ 000000000 888888888 ■■■■■■■■■
  SYMBOLS  ....1....  ++++2++++ 000030000 888848888 ■■■■5■■■■
           .........  +++++++++ 000000000 888888888 ■■■■■■■■■
           .........  +++++++++ 000000000 888888888 ■■■■■■■■■
          ==============================================
  FREQ.         1          4          7          4          2
         1   I..1..I    I++2++I    I00300I    I88488I    I■■5■■I
         2              I++2++I    I00300I    I88488I    I■■5■■I
         3              I++2++I    I00300I    I88488I
         4              I++2++I    I00300I    I88488I
         5                         I00300I
         6                         I00300I
         7                         I00300I
```



```
FREQUENCY DISTRIBUTION BY PERCENTAGE CF VALUES IN EACH LEVEL FOR EACH VARIABLE
                      (CCLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

          PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
             VAR. 1      3.59      12.29      35.25      28.43      20.43
          MAXIMUM MILLILE VALUE AFFLYING TC EACH LEVEL
                         C.100      0.300      0.700      0.900      1.000

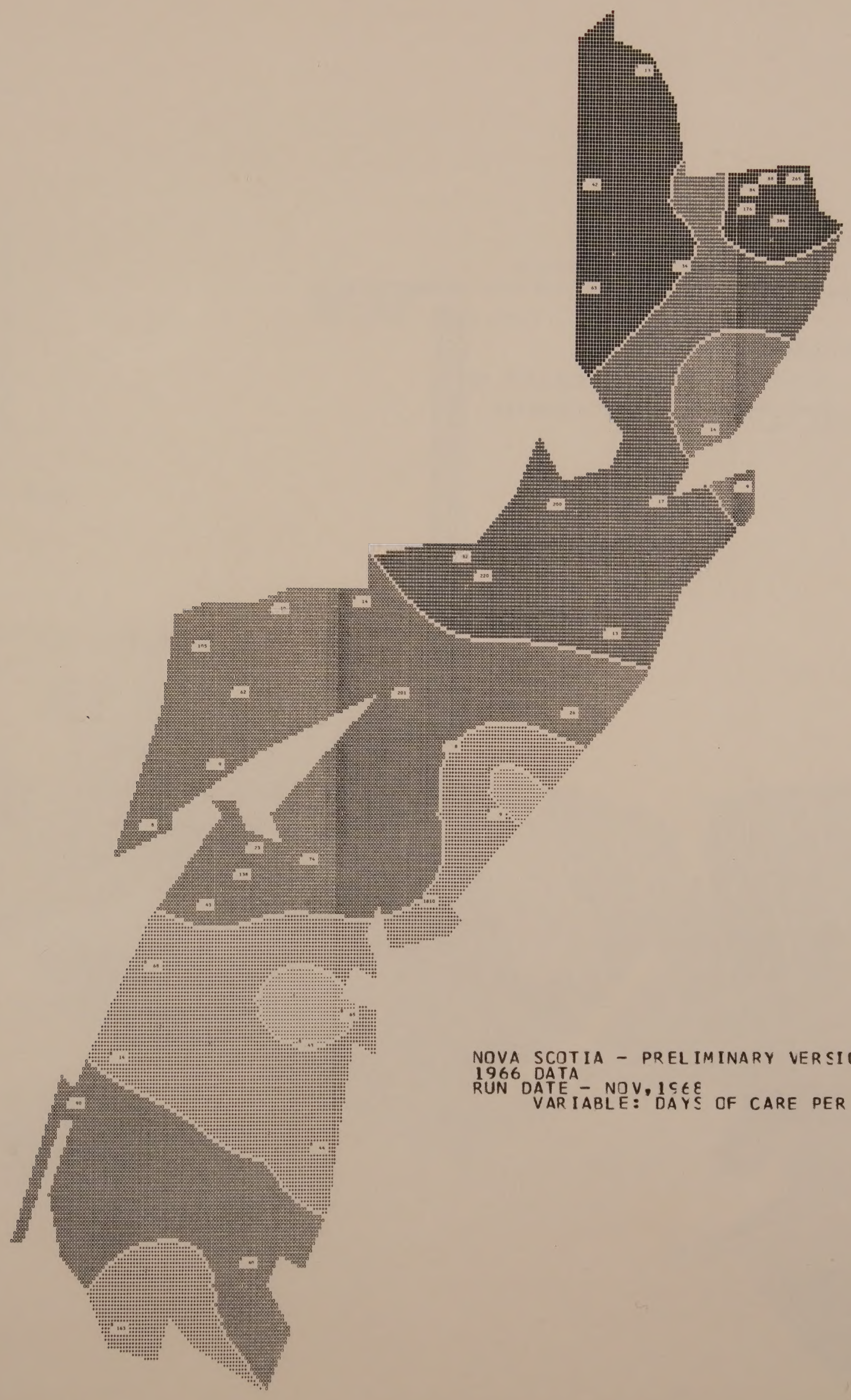
          VALLE RANGE APPLYING TC EACH LEVEL
                       1207.000   1255.000   1419.200   1890.200   2270.000
             VAR. 1       TC         TC         TO         TO         TO
                       1255.00C   1419.200   1890.200   2270.000   2543.000
```



```
PERCENTAGE DISTRIBLTICN CF TCTAL ABSCLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                    (CCLUMNS CF SYMBCLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRL 1)

          PERCENTAGE CF TCTAL ABSCLUTE VALUE RANGE APPLYING TO EACH LEVEL
             VAR. 1      3.59      12.29      35.25      28.43      20.43
          MAXIMUM MILLILE VALLE AFFLYING TC EACH LEVEL
                         C.100      0.300      0.700      0.900      1.000

          VALLE RANGE APPLYING TC EACH LEVEL
                       12C7.000   1255.000   1419.200   1890.200   2270.000
             VAR. 1       TC         TC         TO         TC         TO
                       1255.CCC   1419.200   1890.200   2270.000   2543.000
```



NOVA SCOTIA - PRELIMINARY VERSION
1966 DATA
RUN DATE - NOV,1968
VARIABLE: DAYS OF CARE PER 1000 POPULATION

20 50 -2
352-68

20 51 -1
352-68

```
PRINCE EDWARD ISLAND
1967 DATA
RUN DATE - OCT,1968

                    VARIABLE: SEPARATION PER 1000 POPULATION

        INTER MILLILE INTERVALS OF VALUES

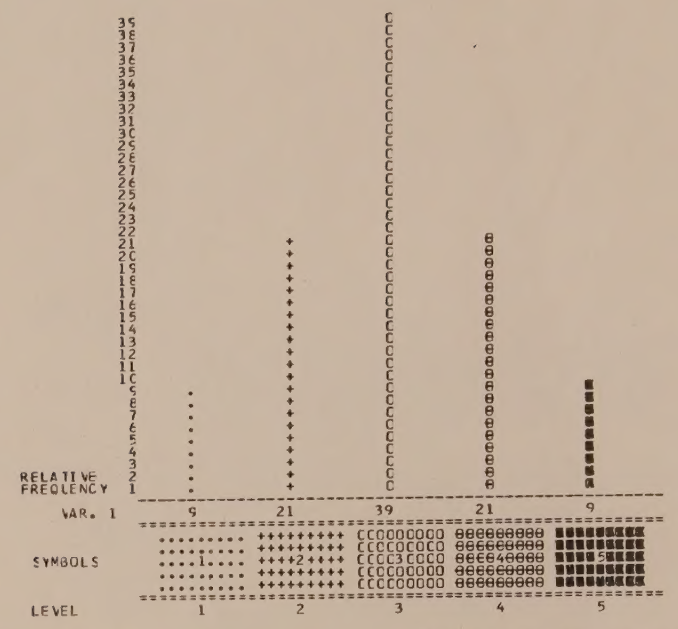
             VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                  1              46.4200          417.8098

                              RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

            POLYGON NAME AND NUMBER                                        POLYGON VALUE
   RANK     VARIABLE 1                                                    VAR 1

    67      LOT39                                                         417.81
    66      LOT12                                                         391.74
    65      LOT04                                                         346.89
    64      LOT41                                                         332.44
    63      LOT10                                                         302.14
    62      LOT50                                                         297.16
    61      LOT01                                                         291.08
    60      LOT05                                                         276.09
    59      LOT09                                                         271.59
    58      LOT53                                                         263.16
    57      LOT03                                                         254.55
    56      LOT55                                                         252.19
    55      LOT42                                                         240.51
    54      LOT27                                                         233.62
    53      LOT52                                                         227.74
    52      LOT32                                                         223.75
    51      LOT67                                                         219.60
    50      LOT08                                                         216.02
    49      LOT36                                                         210.53
    48      LOT37                                                         203.37
    47      LOT45                                                         203.08
    46      LOT35                                                         199.14
    45      LOT43                                                         187.17
    44      LOT16                                                         182.29
    43      LOT11                                                         180.17
    42      LOT23                                                         177.08
    41      LOT17                                                         176.66
    40      LOT59                                                         176.09
    39      LOT28                                                         173.77
    38      LOT06                                                         171.06
    37      LOT02                                                         169.91
    36      LOT14                                                         167.57
    35      LOT62                                                         164.36
    34      LOT38                                                         156.63
    33      LOT61                                                         155.07
    32      LOT15                                                         154.48
    31      LOT64                                                         154.42
    30      LOT57                                                         154.22
    29      LOT66                                                         153.41
    28      LOT34                                                         152.59
    27      LOT24                                                         151.32
    26      LOT31                                                         151.08
    25      LOT25                                                         151.03
    24      LOT29                                                         150.13
    23      LOT51                                                         149.22

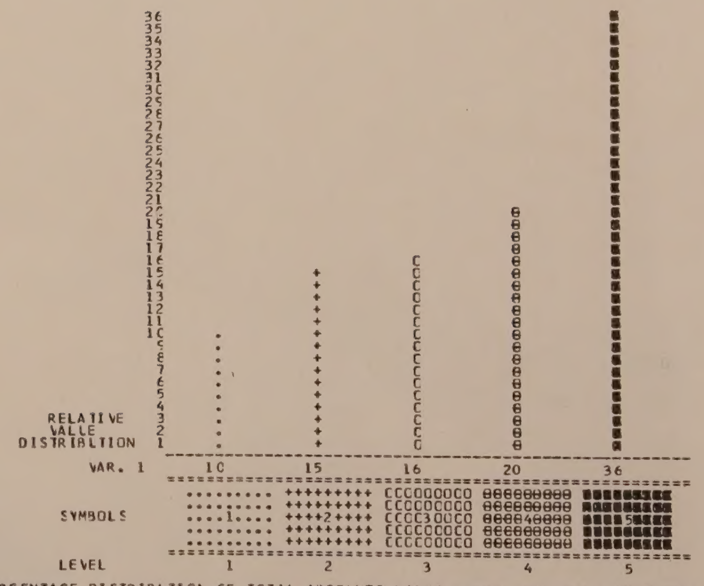
    22      LOT47                                                         148.43
    21      LOT60                                                         147.69
    20      LOT19                                                         142.47
    19      LOT21                                                         139.80
    18      LOT63                                                         136.70
    17      LOT18                                                         134.87
    16      LOT48                                                         133.49
    15      LOT26                                                         133.12
    14      LOT44                                                         132.20
    13      LOT20                                                         120.17
    12      LOT56                                                         114.53
    11      LOT13                                                         112.63
    10      LOT49                                                         112.38
     9      LOT46                                                         107.87
     8      LOT07                                                         101.76
     7      LOT30                                                          86.55
     6      LOT54                                                          76.92
     5      LOT65                                                          76.27
     4      LOT33                                                          71.42
     3      LOT22                                                          64.52
     2      LOT40                                                          47.07
     1      LOT58                                                          46.42
```



```
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                  (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1     10.03       15.98       16.07       20.98       36.95
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                      0.100       0.300       0.700       0.900       1.000

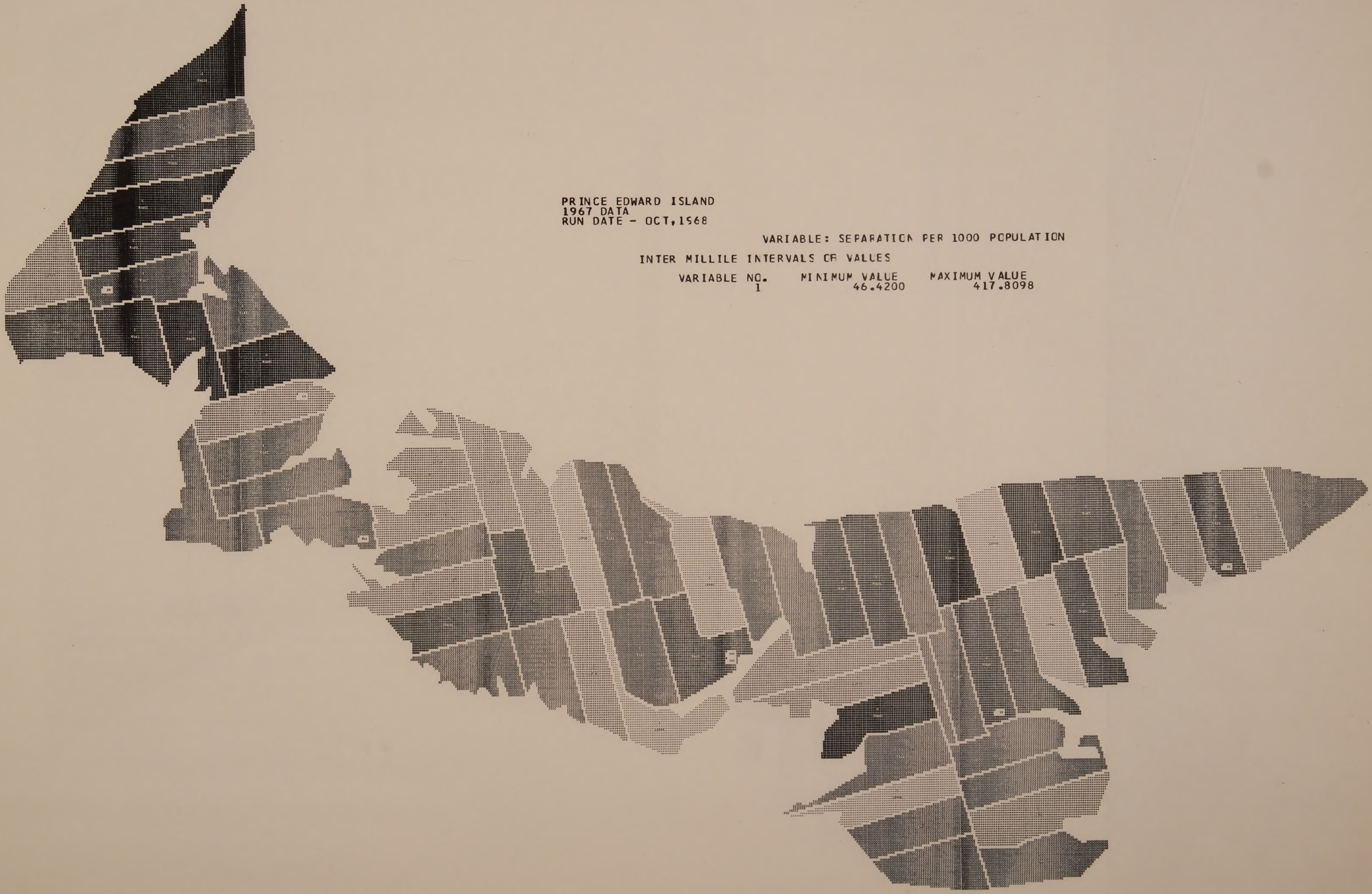
        VALUE RANGE APPLYING TO EACH LEVEL
                      46.420      83.661     142.992     202.686     280.586
           VAR. 1     TO          TO          TO          TO          TO
                      83.661     142.992     202.686     280.586     417.810
```



```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                  (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

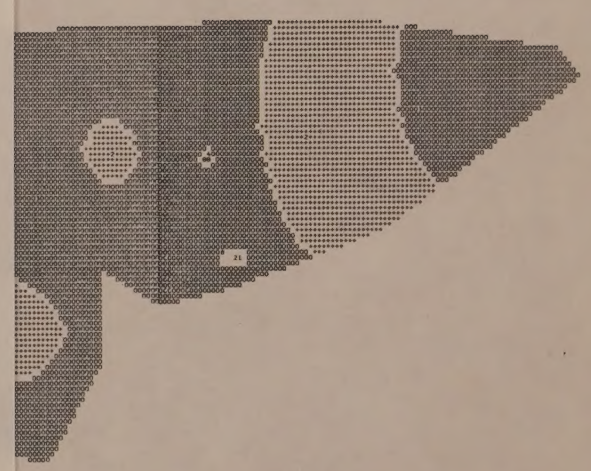
        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1     10.03       15.98       16.07       20.98       36.95
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                      0.100       0.300       0.700       0.900       1.000

        VALUE RANGE APPLYING TO EACH LEVEL
                      46.420      83.661     142.992     202.686     280.586
           VAR. 1     TO          TO          TO          TO          TO
                      83.661     142.992     202.686     280.586     417.810
```



```
PRINCE EDWARD ISLAND
1967 DATA
RUN DATE - OCT,1968
                                      VARIABLE: SEPARATION PER 1000 POPULATION
                  INTER MILLILE INTERVALS OF VALUES
                        VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                                  1           46.4200          417.8098
```

20 51 -1
352-68



20 51 -2
352-68

```
PRINCE EDWARD ISLAND
1967 DATA
RUN DATE - OCT,1968

                        VARIABLE: SEPARATION PER 1000 POPULATION

        INTER MILLILE INTERVALS OF VALUES

             VARIABLE NO.     MINIMUM VALUE     MAXIMUM VALUE
                   1               46.4200          417.8098

                                   RANK OF POLYGONS BY VALUE FOR EACH VARIABLE

          POLYGON NAME AND NUMBER                                          POLYGON VALUE
  RANK    VARIABLE 1                                                       VAR 1

   67     LOT39                                                            417.81
   66     LOT12                                                            391.74
   65     LOT04                                                            346.89
   64     LOT41                                                            332.44
   63     LOT10                                                            302.14
   62     LOT50                                                            297.16
   61     LOT01                                                            291.08
   60     LOT05                                                            276.09
   59     LOT09                                                            271.55
   58     LOT53                                                            263.16
   57     LOT03                                                            254.55
   56     LOT55                                                            252.19
   55     LOT42                                                            240.51
   54     LOT27                                                            233.62
   53     LOT52                                                            227.74
   52     LOT32                                                            223.75
   51     LOT67                                                            219.60
   50     LOT08                                                            216.02
   49     LOT36                                                            210.53
   48     LOT37                                                            203.37
   47     LOT45                                                            203.08
   46     LOT35                                                            199.14
   45     LOT43                                                            187.17
   44     LOT16                                                            182.29
   43     LOT11                                                            180.17
   42     LOT23                                                            177.08
   41     LOT17                                                            176.66
   40     LOT59                                                            176.09
   39     LOT28                                                            173.77
   38     LOT06                                                            171.06
   37     LOT02                                                            169.91
   36     LOT14                                                            167.57
   35     LOT62                                                            164.36
   34     LOT38                                                            156.63
   33     LOT61                                                            155.07
   32     LOT15                                                            154.48
   31     LOT64                                                            154.42
   30     LOT57                                                            154.22
   29     LOT66                                                            153.41
   28     LOT34                                                            152.59
   27     LOT24                                                            151.32
   26     LOT31                                                            151.08
   25     LOT25                                                            151.03
   24     LOT29                                                            150.13
   23     LOT51                                                            149.22

   22     LOT47                                                            148.43
   21     LOT60                                                            147.69
   20     LOT19                                                            142.47
   19     LOT21                                                            139.80
   18     LOT63                                                            136.70
   17     LOT18                                                            134.87
   16     LOT48                                                            133.49
   15     LOT26                                                            133.12
   14     LOT44                                                            132.20
   13     LOT20                                                            120.17
   12     LOT56                                                            114.53
   11     LOT13                                                            112.63
   10     LOT49                                                            112.38
    9     LOT46                                                            107.87
    8     LOT07                                                            101.76
    7     LOT30                                                             86.55
    6     LOT54                                                             76.92
    5     LOT65                                                             76.27
    4     LOT33                                                             71.42
    3     LOT22                                                             64.52
    2     LOT40                                                             47.07
    1     LOT58                                                             46.42
```

```
DATA VALUE EXTREMES ARE         46.42      417.81


ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
       %@MAXIMUM@ INCLUDED IN HIGHEST LEVEL ONLY<

  MINIMUM      46.42      83.56     142.98     202.40     280.40
  MAXIMUM      83.56     142.98     202.40     280.40     417.81

PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL

               10.00      16.00      16.00      21.00      37.00

FREQUENCY DISTRIBUTION OF DATA POINT VALUES IN EACH LEVEL
  LEVEL           1          2          3          4          5
             ==================================================
             .........  +++++++++  000000000  θθθθθθθθθ  █████████
             .........  +++++++++  000000000  θθθθθθθθθ  █████████
  SYMBOLS    ....1....  ++++2++++  000030000  θθθθ4θθθθ  ████5████
             .........  +++++++++  000000000  θθθθθθθθθ  █████████
             .........  +++++++++  000000000  θθθθθθθθθ  █████████
             ==================================================
  FREQ.           6          14         26         14         7
          1   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          2   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          3   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          4   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          5   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          6   I..1..I    I++2++I    I00300I    Iθθ4θθI    I██5██I
          7              I++2++I    I00300I    Iθθ4θθI    I██5██I
          8              I++2++I    I00300I    Iθθ4θθI
          9              I++2++I    I00300I    Iθθ4θθI
         10              I++2++I    I00300I    Iθθ4θθI
         11              I++2++I    I00300I    Iθθ4θθI
         12              I++2++I    I00300I    Iθθ4θθI
         13              I++2++I    I00300I    Iθθ4θθI
         14              I++2++I    I00300I    Iθθ4θθI
         15                         I00300I
         16                         I00300I
         17                         I00300I
         18                         I00300I
         19                         I00300I
         20                         I00300I
         21                         I00300I
         22                         I00300I
         23                         I00300I
         24                         I00300I
         25                         I00300I
         26                         I00300I
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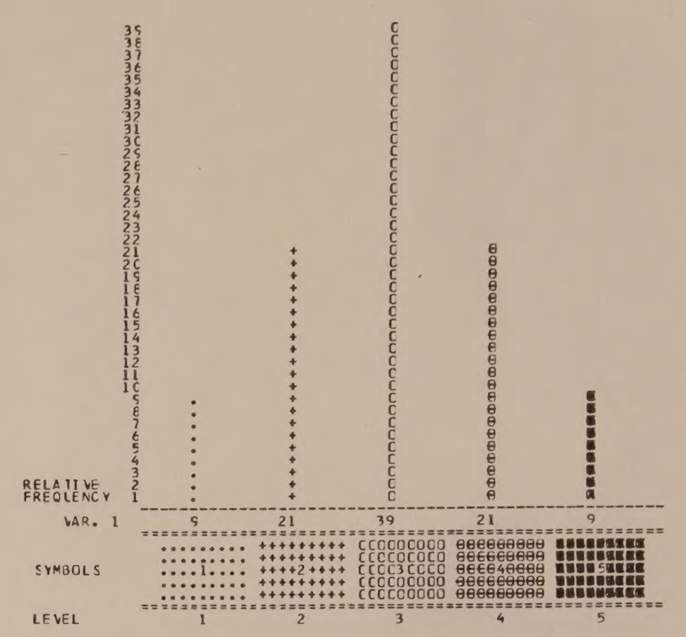
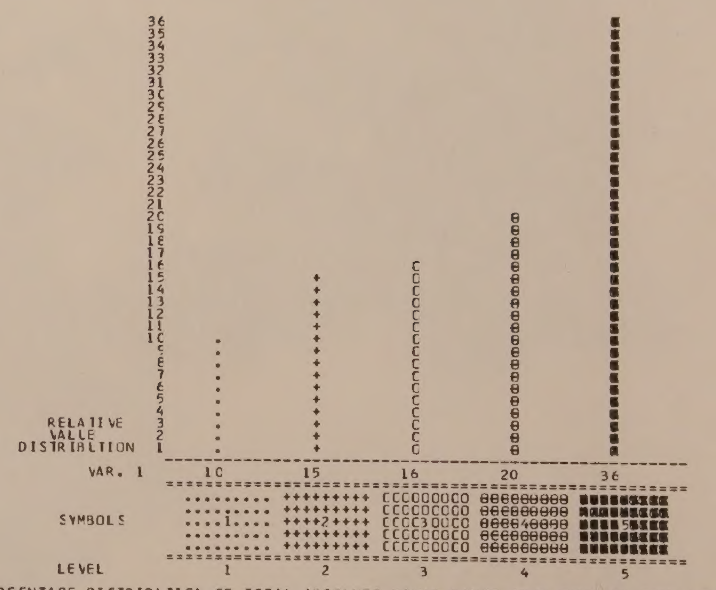


```
FREQUENCY DISTRIBUTION BY PERCENTAGE OF VALUES IN EACH LEVEL FOR EACH VARIABLE
                   (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY FREQUENCY FOR VARIABLES 1 THRU 1)

        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1    10.03       15.98       16.07       20.98       36.95
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100       0.300       0.700       0.900       1.000

        VALUE RANGE APPLYING TO EACH LEVEL
                     46.420      83.661     142.992     202.686     280.586
           VAR. 1    TO          TO          TO          TO          TO
                     83.661     142.992     202.686     280.586     417.810
```

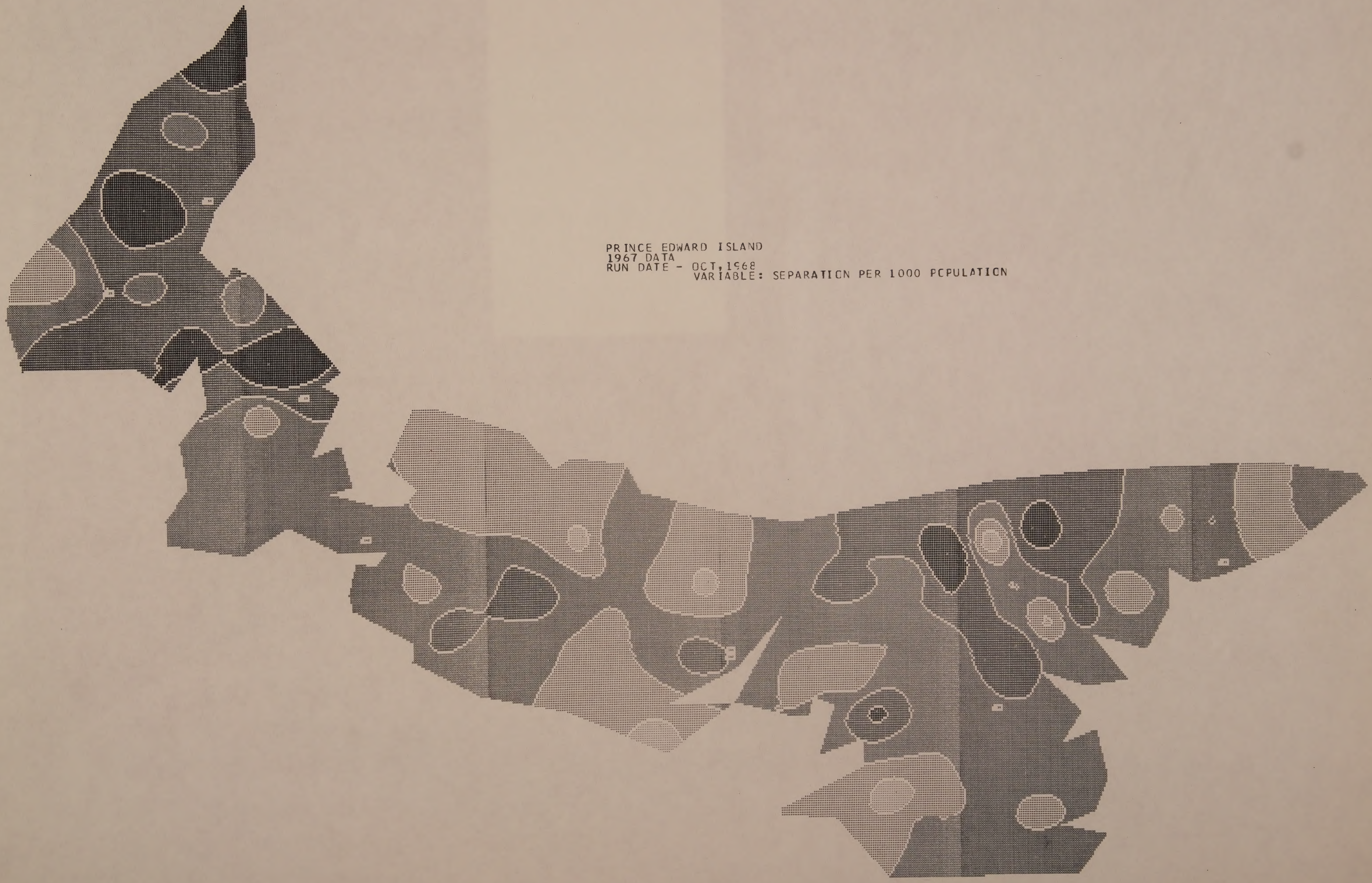


```
PERCENTAGE DISTRIBUTION OF TOTAL ABSOLUTE VALUE RANGE (MAX-MIN) IN EACH LEVEL FOR EACH VARIABLE
                   (COLUMNS OF SYMBOLS IN EACH LEVEL DISPLAY VALUES FOR VARIABLES 1 THRU 1)

        PERCENTAGE OF TOTAL ABSOLUTE VALUE RANGE APPLYING TO EACH LEVEL
           VAR. 1    10.03       15.98       16.07       20.98       36.95
        MAXIMUM MILLILE VALUE APPLYING TO EACH LEVEL
                     0.100       0.300       0.700       0.900       1.000

        VALUE RANGE APPLYING TO EACH LEVEL
                     46.420      83.661     142.992     202.686     280.586
           VAR. 1    TO          TO          TO          TO          TO
                     83.661     142.992     202.686     280.586     417.810
```

```
PRINCE EDWARD ISLAND
1967 DATA
RUN DATE - OCT,1968
                VARIABLE: SEPARATION PER 1000 POPULATION
```



20 51 -2
352-68

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